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Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

Volume 149 No. 5 — Schnell Publishing Company, Inc., Publishers — February 4, 1946

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Chlorine Institute Hears CWS Plant Sales Plan

S. W. Jacobs, of the Niagara Alkali Company, New York, was reelected president of the Chlorine Institute at its annual meeting in the Biltmore hotel, New York, January 30, and was presented with a certificate by the Chemical Warfare Service for his assistance in assuring the CWS and the War Department an adequate supply of chlorine during the war.

Other officers reelected were E. C. Speiden, of Innis, Speiden & Co., New York, vice-president, and R. T. Baldwin, secretary and treasurer.

The following directors were elected for two years:—

George M. Dunning, of the Wyandotte Chemicals Corporation; F. W. Fraley, of the Diamond Alkali Company; R. W. Hooker, of the Hooker Electrochemical Company; Mr. Jacobs and Mr. Speiden, of the Iso Chemical Division of Innis, Speiden & Co.

Major General Alden H. Waitt, chief of the Chemical Warfare Service in making the presentation of the certificate of appreciation to Mr. Jacobs said, in part:—

We expect to have all of our chlorine plants released for industrial production before very long. Chlorine facilities at Edgewood Arsenal, Maryland, have been available for lease for some time, and negotiations are now under way for their private operation. At the present time we are in the final stages of making available to industry the chlorine plants at Huntsville Arsenal, Alabama; Pine Bluff Arsenal, Arkansas, and Rocky Mountain Arsenal at Denver, Colorado. The transfer of these plants to commercial use will add at least 200 tons of liquid chlorine to peacetime daily production.

Meanwhile, the Chemical Warfare Service is collaborating with the American chemical industry in arranging to bring to this country two types of the much-discussed German mercury chlorine cell for study and possible domestic utilization. It is expected that these cells will be shipped from Germany about February 1.

Compressed Gas Ass'n Elects Officers

Clarence McL. Pitts, of the Peoples Gas Supply Company, Ottawa, Canada, was elected president of the Compressed Gas Manufacturers' Association at its thirty-third annual meeting held last week in the Waldorf-Astoria hotel, New York.

He succeeds Robert J. Quinn, representative for the Mathieson Alkali Works in Orlando, Fla. Previous to his transfer to Florida early this year, Mr. Quinn had been Mathieson's assistant sales manager, with headquarters in New York.

The association elected Charles G. Andrews, of the Air Reduction Corporation, New York, and L. W. Hench, American Carbonic Corporation, Harrison, N. J., as vice-presidents, and reelected F. R. Fetherston as secretary-treasurer.

Activated Sludge Wins $950,000 Patent Suit

The Activated Sludge, Inc., of Chicago, won a judgment for compensatory damages of $950,000 in Federal district court, Chicago, in the company's suit against the Chicago sanitary district for infringement of sewage purification patents.

Patents involved in the 21-year-old suit covered a process used by the sanitary district for purifying sewage through rapid oxidation, employing bacteria known as bacillus M7.

Summers Fertilizer Buys Griffith & Boyd Co.

The Summers Fertilizer Company, Baltimore, has purchased the outstanding stock of the Griffith & Boyd Company, also of Baltimore, and one of the oldest corporations in fertilizer trade. The Griffith & Boyd plant has a rated annual capacity of 50,000 tons of mixed fertilizer.

Labor Statistics Chief Resigns

OPD Washington Bureau

President Truman has accepted the resignation of Isador Lubin as Commissioner of Labor Statistics and associate United States representative on the Allied Commission on Reparations. The resignation is effective February 1.

Mr. Lubin has been Commissioner of Labor Statistics for thirteen years and previously was special statistical assistant to President Roosevelt. No successor to Mr. Lubin has been appointed yet.

Chilean Nitrate Workers Strike Settled

OPD Washington Bureau

Striking workers at the nitrate mines of Chile and on the docks at the port of Tocopilla, where nitrate shipments to the United States originate, have returned to work and the state of siege declared in the country has been lifted, the Chilean Embassy announced on the basis of unofficial information received late January 31 from the President of Chile.

A general strike had been called by the workers throughout Chile which lasted for twenty-four hours, causing a complete shutdown for this period of operations in the nitrate mines and threatening to halt shipments of this material to the United States. The stevedores at Tocopilla, had been on strike since January 17.

At the Embassy it was understood that the situation has again settled down and that shipments of the nitrates and other products from Chile to the United States would resume immediately.

Penicillin Plant Planned For Russia by Cabot Fund

The Hugh Cabot Memorial Fund has disclosed plans to erect a $2,000,000 penicillin research laboratory and plant in Russia through voluntary contributions of United States citizens. A dinner launching the campaign will be held February 13 at Boston.

Dr. Harlow Shapley, chairman of the fund's national committee, who recently headed a delegation of American scientists to the Soviet Union, said the plant and its equipment would be shipped through Russian relief.

Reece Bill Hearings Open With Modifications Requested

OPD Washington Bureau

Hearings were opened January 29 before a subcommittee of the house committee on interstate and foreign commerce on the Reece bill (H. R. 2390) amending the Federal Trade Commission act to empower the courts to review evidence in FTC cases, modify the remedies specified by the commission in its orders, and to eliminate overlapping jurisdiction between the FTC and the Food and Drug Administration in matters affecting foods, drugs, cosmetics and devices.

Testimony submitted at the hearings was preponderently in favor of some modifications being made along these lines; the theme underlying all of the remarks being that bureaucracy has grown to such lengths as to virtually limit the courts to a review of law without authority to checkmate the actions of commissions. Although witnesses differed at times on the language that should be employed in changing the law, they were unanimous in their belief that some shackles must be placed upon the rights of agencies to act as judge, jury and prosecutor.

From the trend of questioning by members of the subcommittee there was some indication that the members too were dissatisfied with the present situation, particularly with respect to the liberal rules on which the commission can base its findings of fact. Surprise also was indicated over the limits placed upon the authority of trial examiners which prohibits them from passing on questions of law or weight of evidence. But there was some feeling of reluctance to allow the courts to modify the penalties prescribed by the commission for violations of the law.

Defects in Law

E. Blythe Stasson, dean of the Law School of the University of Michigan, opened the hearings by pointing to the defects of the law in prescribing that the commission's findings and remedies shall be final unless clearly outside the law. It was his view that much of the complaints now being raised against the act of the government agencies would be eliminated if congress would give its approval to the McCarran-Sumners bill (S. 7), setting down new rules of administrative procedure to be followed by government agencies.

If this bill could become law, he said, some very marked improvements would be made in the administrative procedure of the commission, for it would enable the trial examiners to exercise more control over the trial proceedings, pass on motions, issue subpoenas, and report on facts and the law. This bill, he added, would make

—Continued on page 45

Procter Medal Given To Dr.A.N. Richards

The second presentation of the William Procter, jr., Medal was made by the Philadelphia Drug Exchange at its eighty-fifth annual dinner January 31. The recipient was Dr. Alfred Newton Richards, professor of pharmacology and vice-president in charge of medical affairs of the University of Pennsylvania. Dr. Richards was thus honored for distinguished services in physiology and pharmacology, specifically for his work, mainly as chairman of the committee on Medical Research of the Office of Scientific Research and Development, in promoting the production of penicillin.

Dr. A. N. Richards

The Procter medal and citation were presented to Dr. Richards by Dr. Charles E. Vanderkleed, research director for McNeil Laboratories, who pointed out that the award is not a routine annual affair but is made only when determined to be fully deserved.

—Continued on page 45

Ammonia Sulphate Output Cut 70 Percent by Steel Strike

OPD Washington Bureau

Production of sulphate of ammonia has been reduced 70 percent as a result of the steel strike, according to the American Plant Food Council on the basis of information obtained January 29 from the Civilian Production Administration. The 30 percent now being produced comes from the few steel mills still in operation, gas electric companies, Shell Chemical, and from other sources. In addition we are getting about the normal amount expected from Canada.

The council said that a quick survey of the fertilizer industry indicates that only about 55 percent to 60 percent of the amounts needed for fertilizer now has been delivered. Fertilizer manufacturers cannot continue to make the grades of fertilizer recommended by experiment stations and desired by farmers unless the strike ends soon, it was added.

The statement of the council continued:—

The United States Department of Agriculture, on January 15, 1946, pointed out that there is a world need for about 1,000,000 short tons more of plant food than will be available this year. China normally uses about 100,000 tons of sulphate of ammonia in the production of rice, and the liberated countries of France, Italy and The Netherlands have all called for materials from the United States. Reports indicate that U.N.R.A. is trying to get about 10,000 tons of sulphate of ammonia for China, and we understand that this purchase must await the end of the steel strike.

The United States is expected to supply about 100,000 tons of ammonium nitrate to France, Italy, The Netherlands, etc. This supply will be taken out of cut backs in ordnance requirements. It may be necessary for fertilizer manufacturers, dealers and agents to allocate the limited supply available to their customers on the basis of past history unless the steel mills begin operations real soon or state grade requirements are adjusted.

Phila. Drug Exchange Elects Schafer President

E. F. Schafer, Philadelphia branch manager for the Owens-Illinois Glass Company, was elected president of the Philadelphia Drug Exchange at the annual meeting held January 29.

Mr. Schafer succeeds J. Mervin Rosenberger, who returns to the post of secretary. Malcolm W. Cox, district manager for Eli Lilly & Co., pharmacetical manufacturer, Indianapolis, was elected vice-president, and Harold C. Halberstadt reelected treasurer.

The new president is a native of Toledo, Ohio, where he attended Toledo University. He has been associated with the Owens-Illionois Glass Company, Toledo, for twenty years, and has been in Philadelphia for thirteen years. In 1944 and 1945, he was secretary of the Drug Exchange.

ACS to Meet April 8 At Atlantic City

The American Chemical Society will hold its annual convention at Atlantic City, N. J., April 8. It will be the group's first meeting on a national scale since a wartime ban was clamped on conventions.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Jan. 31, 1946	Jan. 24, 1946	Feb 2, 1945
134.8	**135.5**	**133.3**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price views continued to manifest predominantly recessional characteristics in the markets for chemicals, oils, and drugs last week. Only in the botanical drugs, protective coatings, and fats and oils divisions was the net result a raise. Quicksilver was again a contributing item on the down side, and menthol came in there again. But, the most potent depressant was the result of the overabundance of production by hens, egg albumen and eggyolk being substantially cheapened.

The price picture doubtless would have been different if there had been less curtailment of general manufacturing activity, and if price ceilings did not preclude reflection of the effects of the steel strike. Supplies in the coaltar division are getting stringent. Emergency sources are more than ever sought.

Late Markets

Coast Fertilizers Short

Los Angeles, Feb. 1.—The agricultural chemicals market here this week remained exceedingly tight. All matrials were short. Imports from Canada were off. Prices remained unchanged. Fish meal production also was off.

Barbiturates Control Bill Introduced in N.Y.

A bill to check the widespread and growing public misuse of barbiturates was introduced in the New York State Legislature last week by Senator Thomas C. Desmond.

The bill provides the following controls:—

No prescription shall be refilled unless the prescribing physician so indicates. No prescription shall be refilled prior to the time called for by the directions for use.

Pharmacists must label the package containing barbiturates with the name and address of the patient, in addition to other data now required. Possession of the drug by any person other than the one named on the prescription would be illegal.

The date of each refilling must be recorded on the original prescription and on the label of the container. No copies of prescriptions may be furnished or filled.

Physicians, in furnishing such drugs to their patients, must keep a record of the date, the drug and the quantity thereof dispensed, and the name and address of the patient. The container in which the drug is given the patient must be labeled properly.

No manufacturer, wholesaler or jobber may sell or distribute barbiturate drugs except to duly licensed physicians, pharmacists, and institutions authorized to possess such drugs.

The illegal possession, sale, exchange or giving away of barbiturate drugs is made a violation of the Penal Law, and a misdemeanor, subject on the first conviction to a year's imprisonment or a fine of $500, or both.

Exceptions are made for barbiturate preparations approved by the Federal Drug Administration for over-the-counter sale, and for certain other preparations having no sedative action.

Bids Wanted

Aluminum Cleaner Liquid:—165 gallons; Warden, Justice Prisons, Federal Reformatory, Petersburg, Va.; invitations 9-2801, opening February 5.

Perchlorethylene:—3,500 pounds, noninflamable; Purchasing Officer, District Government, Washington 4, D. C.; Public Schools, schedule 7885, opening February 11.

Special Detergent:—1,000 pounds; Warden, Justice Prisons, Federal Reformatory, Petersburg, Virginia; invitation 9-2801, opening February 5.

Starch:—1,300 pounds for Lorton, Virginia; send bids to Purchasing Officer, District Government, Washington 4, D. C.; schedule 7884, opening February 11.

Recent Imports

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New York Imports

ACID, CHOLIC—35 cs, Biological Raw Products Co
CRESYLIC—1 cs, Chentatar, Inc
ALOE—50 cs, Brown Bros-Harriman Co
ANNATTO SEED—6 bgs, Manuel Talavera
ARECANUTS— 80 bgs, E Meer & Co
ASBESTOS—300 bgs, 30,000 lbs, Ehret Magnesia Mfg Co
2,000 bgs, 200,000 lbs, Union Asbestos & Rubber Co
500 bgs, 50,000 lbs, Philip Carey Mfg Co
BRISTLES—12 cs, S Hirschenhorn & Son
5 cs, Robert Schwarz Bristle Co
60 cs, Bank of London & South America
60 cs, H Rosenhirsch & Co
CAFFEINE, ANHYDROUS — 414 bbls, Lo Curto & Funk
CANARY SEED—195 bgs, Hinton & Co
773 bgs, Stein Trading Co
CARDAMOM—51 chests, W E Martin & Co
14 cs, Knickerbocker Mills Co
CASHEW KERNELS—1,367 cs, 68,350 lbs, Spencer Import Co
1,000 cs, 50,000 lbs, T M Duche & Sons
625 cs, 31,250 lbs, Biddle Purchasing Co
150 cs, 7,500 lbs, Braun Importing Co
579 cs, 28,950 lbs, W A Camp Co
400 cs, 20,000 lbs, Aristocrat Nut Co
1,000 cs, 50,000 lbs, Near East Import Corp
129 cs, 6,450 lbs, National Nut Co
260 cs, 13,000 lbs, Fenick, Jones, Libby Co
2,010 cs, 100,500 lbs, A L Bazzini & Co
200 cs, 10,000 lbs, E E Marks & Co
1,000 cs, 50,000 lbs, Kelling Nut Co
185 cs, 9,250 lbs, Manhattan Nut Co
1,139 cs, 56,950 lbs, Zaloom & Co
401 cs, 20,050 lbs, Zenolia Co
429 cs, 21,450 lbs, Electric Cooker Sales Co
300 cs, 15,000 lbs, Pandalean Bros
111 cs, 5,550 lbs, W A Hertle
572 cs, 28,600 lbs, Khosrovschahi & Co
700 cs, 35,000 lbs, Wood & Selick
554 cs, 27,700 lbs, Bowes & Co
CASHEW SHELL LIQUID—482 dms, Irvington Varnish & Insulator Co
CASEIN—495 bgs, 54,450 lbs, H S C Trading Co
1,000 bgs, 110,000 lbs, American British Chemical Supplies, Inc
2,000 bgs, 220,000 lbs, Crawford, Callan & Co
1,000 bgs, 110,000 lbs, Hercules Powder Co
2,000 bgs, 220,000 lbs, First of Boston International Corp
CASTOR BEANS—11,900 bgs, 1,785,000 lbs, Baker Castor Oil Co
CATTLE FLESHINGS—121 bls, Mulligan & Higgins Corp
CHILLIES—400 bgs, Ludwig Mueller & Co
CINCHONA PRODUCTS—30 cs, United States Commercial Co
COCILLANA BARK—134 bls, S B Penick & Co
COCOA BEANS—88,000 bgs, United States Commercial Co
750 bgs, 150,000 lbs, Middleton & Co
300 bgs, 40,000 lbs, Farr & Co
1,000 bgs, 200,000 lbs, Daarnhouwer & Co
1,000 bgs, 200,000 lbs, H A Phillip & Co
2,000 bgs, 400,000 lbs, Wessel, Kulenkampf & Co
500 bgs, 100,000 lbs, A C Israel Commodity Co
3,000 bgs, 600,000 lbs, General Cocoa Co, Inc
COCOABUTTER—2,500 cs, Wedeman & Godknecht, Inc
COCONUT—50 cs, Overseas Trading Co
DESIC—724 cs, Dodwell & Co
1,046 cs, Durkee Famous Foods
3,457 cs, General Foods Corp
CORK, BOARDS—1,385 cs, Armstrong Cork Co
VIRGIN—2,196 bls, Mundet Cork Corp
WASTE—4,134 bls, Armstrong Cork Co
3,261 bls, Mundet Cork Corp
WOOD—971 bls, Armstrong Cork Co

—Continued on page 68

Ammonia Sulphate Work Stopped in Oregon

Production of ammonium sulphate at the aluminum-from-clay plant, Salem, Ore., has been stopped by an order from the Reconstruction Finance Corporation.

Senator Guy Cordon has telegraphed from Washington that he was making every effort to have the order rescinded so that the plant might continue production of 500 tons weekly of the fertilizer as originally authorized. Approximately 1,600 tons of fertilizer had been delivered to the Oregon State college extension service for distribution among farmers.

Experiments involving the process for recovering aluminum from clay will continue at the plant.

Casein Price Increase Rejected by OPA

Suggestions for an increase in the ceiling prices for casein in order to encourage domestic production and larger imports, have been rejected by the Office of Price Administration.

Officials expressed a view that any increase in the ceilings would only lend encouragement to the substitution of cheap materials, such as starches and soybean flour, and further narrow the market for byproducts of the dairy industry. They anticipate, on the basis of information from the Department of Agriculture, that approximately 100,000 pounds of skimmed milk will be available for casein production this year.

Explosives Rules For Shipping Revised

OPD Washington Bureau

Regulations of the Interstate Commerce Commission covering the transportation of explosives were amended in a number of important particulars by the commission this week in the interest of greater safety and more efficiency in the handling of dangerous articles.

Added to the shipping list of explosives and other dangerous articles were mixtures of hydrofluoric and sulfuric acids, which formerly was a waste material for which there was but a very limited market, and phosphorus sesquisulfide. The former is classed as a corrosive liquid that must be labeled in white with the maximum quantity that can be shipped by express limited to 10 pints. Phosphorus sesquisulfide is classed as an inflammable solid that must carry a yellow label and limited in express shipments to 11 pounds.

A clarifying amendment was made to section 110 of the order of August 16, 1940, relating to container specifications to make certain that the pails referred to in the section are metal pails. Section 170 of the order of June 29, 1945, relating to transportation of fibers and fabrics which are liable to spontaneous combustion is made more specific so as to include fibers or fabrics "coated with animal or vegetable oils, or organic substances."

Paragraphs (e) and (f) of section 247 of the order of August 16, 1940, and paragrph (i) of the order of November 8, 1941, relating to transportation of benzyl chloride in barrels or drums, tankcars and tanktrucks were amended to require that the material be stabilized when loaded in unlined tanks.

Section 263 (a) (10) requires the use of rubber-lined tanktrucks for transportation of hydrochloric acid, while section 264 (k) was amended to require the use of rubber-lined steel drums for aqueous hydrofluoric acid. It has been found that butyl rubber is the best for this purpose.

Hydrogen peroxide is added to the list of those products which must be packaged in glass carboys in accordance with specifications 1D of section 266 (a) (3) (b) of the order of August 16, 1940. The other materials are sulphuric acid, hydrochloric acid and nitric acid.

Sections 346 and 348 of the orders of July 7, 1944, and August 16, 1940, were changed to prohibit the use of openhead drums for the shipment of methyl bromide, phenyldichlorazine and class "B" poison liquids.

Section 402 of the order of August 16, 1940, relating to full load shipments of packaged chemicals without labeling each package was modified to limit this privilege in the following manner:—

(q) When it is known that subsequent shipments of these packages may be made by consignees in less than carload or less than truckload quantities, or in carload or truckload quantities to a point where they may be handled by other than the original consignee, the original shipper should attach labels to the packages as would be required for less than carload or less than truckload shipments.

Medical Care Report Covers Rural Tests

OPD Washington Bureau

A report prepared by the Bureau of Agricultural Economics describing the rural prepaid medical care experiments of the Department of Agriculture was made public January 28 by the subcommittee on health and education of the senate committee on education and labor.

The report analyzes the six county-wide rural health programs which were initiated late in 1941 in Texas, Georgia, Mississippi, New Mexico, Arkansas and Nebraska by the Department's Inter-Bureau Committee on Postwar Programs. In each one special medical care organizations have been established, and all the families in the county can join them by paying a small annual fee in advance. The average cost is $20 a year per family.

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Corporation Earnings

A. E. Staley Mfg. Co.

Net income.....	2,334,819	1,888,587
Per share.....	4.96	3.91

Hercules Powder Company

	1945	1944
Net income.....	$4,925,800	$4,823,855
Per share.....	3.36	3.26

Illinois Zinc Company

	1945	1944
Net income, year, Oct. 31	10,094	14,204
Per share.....	.10	.14

American Agricultural Chemical

Net income, 6 mos., Dec. 31.....	444,349	348,197
Per share.....	.71	.55

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Rosin Producers Get CC Rating for Equipment

OPD Washington Bureau

The Civilian Production Administration announced January 30 that CC ratings will be assigned to producers of rosin to enable them to obtain necessary equipment and materials to increase production of rosin. In direction No. 10 to Priorities Regulation 28, the CPA pointed out that the supply of rosin is substantially below minimum requirements and the shortage is so serious as to threaten the increased production of peacetime products.

Under the terms of the direction, CC ratings will be assigned to producers of rosin for capital equipment where the producer is unable to obtain delivery without a rating, and (1) the equipment will result in a substantial increase in production, or (2) the equipment is needed to replace present operating equipment which is in danger of imminent breakdown.

CC ratings may also be assigned for production materials and MRO needed by producers where the producer demonstrates that he is unable to obtain the item without priorities assistance and regardless of whether the item is needed to maintain minimum economic production in the plant.

CC ratings will be assigned for materials which cannot be obtained without ratings and where required for construction of new plants or expansion of existing plants where increased production will result.

The CC rating will be denied where it appears that the item for which a CC rating will be used is available, but under different terms of sale or from a supplier other than the applicant's customary supplier.

Freight Forwarders Bill Favorably Reported

A favorable report was made to the house January 31 by the house committee on interstate and foreign commerce on the Lea bill (H. R. 2764) permitting freight forwarders to enter into joint rates with motor carriers upon the filing of the rates with the Interstate Commerce Commission.

The legality of the joint rates have been in doubt since the decision of the Supreme Court of the United States in the Acme Fast Freight case more than a year ago when the court held them to be illegal because the rates given to the freight forwarders by the motor carriers were not disclosed to the public. But in order not deny shippers the benefits of freight forwarder operators, Congress has been legalizing the joint rate arrangements with temporary legislation. The present legislation expires February 16.

Under the bill just reported a permanent setup is established placing these rates completely under the jurisdiction of the ICC, but leaving it up to the commission to decide whether the rates charged by the motor carriers to the forwarders shall be published. In the case of the railroads such rates are published, but the division of the compensation among the carriers is not.

German Scientific Data Made Available

A total of 207 reports on scientific and industrial information, obtained in Germany and German-occupied countries, as well as data obtained through United States Government-sponsored research, was placed on sale to the public during the week ending January 25, the Office of the Publication Board announced.

Materials, manufacturing processes, products, developmental work, and other scientific and technical matters are discussed in the reports. The number of reports that have previously been made available to the public, together with those placed on sale last week, has now reach the grand total of more than 1,700.

IG Funds Vested

The Alien Property Custodian, in two orders filed January 16, has vested the debts or other obligations owing to I.G. Farbenindustries by the National City Bank of New York, arising out of blocked fee checking accounts entitled "I.G. Farbenindustrie A.G.," and "I.G. Farbenindustrie A.G. Zentral Finanzverwaltung."

Business concerns in all parts of the country this week began receiving the annual OPA reporting form on which they must give a brief picture of their financial situation. Known as form A, its questions are familiar to most businessmen, and they will find it practically unchanged from those they have been receiving for the past two years.

During the past four years, financial reports from business have been of basic importance to the price-control program, and during the reconversion period they are of equal importance. These reports give OPA background information on trends in industry, as well as specific information for different industrial groups and companies.

OPA is asking the companies to speed up the filing of the answers to the form this year because of the importance of the information in relation to reconversion pricing. Whereas, heretofore they were given ninety days to return the form, they are being asked to get it back to Washington in sixty days this time. Stress is being laid by OPA upon the fact that the information is confidential and that criminal penalties face any employees of OPA who disclose any information from individual concerns.

Honest Distributors

A new organization has been established in the distributive trade to combat what it claims is a postwar epidemic of unfair trade practices which threatens to have a worse effect upon the buying public than the wartime black market. It goes by the name of the "Honest Distributors Committee," and was brought to light by Paul Wolk, of Rochester, N. Y., in letters to Washington correspondents this week asking their opinions of evil distributive methods and their effects on business.

Mr. Wolk, who is a distributor of electrical appliances, says that some of these unscrupulous practices are "backdoor selling," preferential discounts for select dealers or "purchasing groups" and price cutting. He adds that the trend among some factories and special discount houses to sell directly to dealers who carry no stock, furnish no services and have minimum investments could easily break down established distributor-dealer trade relations.

He sees the need for a stern code of business ethics because there is a feeling growing among the public of a distrust for all distributors, honest and otherwise. He is asking distributors in all lines to join the fight by adopting and adhering to a policy which will offset all unfair practices detrimental to reputable distributor-dealer channels.

Small War Plants Corp.

President Truman's splitting up of the Smaller War Plants Corporation and merging part of its functions with the Reconstruction Finance Corporation and part with the Department of Commerce has stirred up a tempest in the small business bloc in Congress. They can't reconcile the action with the professed interest of Mr. Truman in the little businessman, and exclaim privately that Mr. Truman has been "sold a bill of goods" by the big moneyed interests.

The house group held four days of running hearings on the merger last week and turned up some surprises in connection with the merger upon which it is demanding an answer from Reconversion Director Snyder. They found that the present field offices of SWPC are being given to RFC and the trained engineers in these offices, instead of continuing in this line of work, are to be assigned duties in the War Assets Corporation which are largely clerical. Commerce Department thusly will have to gather in and train an entire new force for its field offices, which means that little business can't expect much help from this source for a year.

Another thing they found is that the small business surplus property purchase rights, now held by SWPC, is to be assigned to RFC instead of to the Department of Commerce, which places RFC in the position of exercising priority rights against its own subsidiary, the War Assets Corporation. This function was not sought by RFC and there is some question that this might be a violation of the intent of Congress as expressed in the Surplus Property Act.

Lemon Oil and Containers

The repercussions of the strike in the steel industry on matters which would be thought to have no connection whatsoever with the steel situation probably can be no more better illustrated than by what happened to the plans of the Department of Agriculture to dispose of about 300,000 pounds of lemon oil (not 3,000,000 as first reported) which had been turned over to it by the Army.

After conferring with members of the trade for weeks on how best to dispose of this surplus, the department was already to go when the steel strike came on and immediately dried up the supply of steel containers. The containers in which the oil was originally packed had been so damaged and mutilated during the testing and analyzing of the oil that they could not be reused.

The department did a lot of scurrying around after this situation developed and finally has gotten its hand on a sufficient number of new containers to enable it to go ahead with its disposal plans, which it expects to do in a few days. But it has meant at least a week's delay in the oil reaching the consumers. The oil is not going to be sold to the highest bidders, as is customarly with surplus Army stocks, but is going to be allotted to established lemon oil importers, since it is imported oil, who in turn will sell to the trade. The importers will get the oil at about $2.92 a gallon and will be privileged to sell at the ceiling price of $3.25.

Sumac as a Farm Crop

One of the jobs that the Department of Agriculture is continuously working on is to find a crop for farmers that will effectively control soil-erosion and at the same time return a profit from the land now eroding. A lot of work is being done in this connection with the American species of wild sumac by the Eastern Regional Laboratory near Philadelphia.

This plant has been found to be an excellent crop for controling erosion. It also will provide a good tanning material, although not quite equal to the sumac leaves imported from Italy. Three American species have been tested:—Dwarf sumac (*Rhus copalina*) was almost up to the Sicilian standard and slightly better than leaf powders from staghorn sumac (*Rhus typhina*) or white sumic (*Rhus glabra*).

Sumac is one of the special-purpose tanning materials. It does not produce a firm, heavy leather—as for soles—but it is desirable in making light-colored, soft, flexible leathers. In Sicily a species of sumac (*Rhus coriaria*) is cultivated and the powdered leaves are sold to American tanners. Apparently the best prospects for obtaining a domestic product equal or superior to Sicilian sumac is in breeding and propagating a variety better than the ordinary wild species.

Informative Labeling

Undersecretary of Commerce Alfred Shindler is urging industry to take another step forward in advertising its products by giving more attention to the value of informative labeling. He contends that, while the brand-name in itself is a good advertising medium, the addition of a descriptive or informative label would be a stimulant to business.

While industry is anxious to go along on any program that would increase consumer demand and interest in its products, it is not too certain of the definition Mr. Schindler places on the term, "informative labeling." He

—*Continued on page 46*

Price Control Extension Asked for One Year

OPD Washington Bureau

In response to the request of President Truman, a bill (H.R. 5270) was introduced in the house, January 29, to continue the price-control law in effect for another year beginning July 1, next. The bill was introduced by Representative Brent Spence of Kentucky, chairman of the banking and currency committee.

In addition to continuing the price control act, provision is also contained in the legislation to continue the subsidy programs of the Reconstruction Finance Corporation on copper, lead and zinc, petroleum and petroleum products, rubber and other products produced outside the United States, and on certain food products.

No date has been set for hearings on the measure. Indications are that a strong effort will be made to reduce the extension to six months.

Meanwhile, after several weeks of consideration, Stabilization Administrator John C. Collet announced January 30 that he had directed the Reconstruction Finance Corporation to continue until June 30, 1946, the government's subsidy payments on stripper well oil production, unless petroleum price ceilings are suspended prior to that date.

The subsidy, put into effect on August 1, 1944, was designed to stimulate marginal petroleum production.

Withdrawal of the subsidy at this time would cause an intense demand for substantial increases in crude oil ceilings, Mr. Collet said. A rise in crude oil prices would require a reorganization of the price structure for petroleum products which would be likely to cause an increase in the cost of living. Such a development at this time would be highly detrimental to the stabilization program, he said.

Contract Settlement Director Nominated

OPD Washington Bureau

H. Chapman Rose has been nominated by President Truman to be director of Contract Settlement succeeding Robert H. Hinckley, who submitted his resignation effective February 1. Mr. Rose, now deputy director of the agency, has been with that office since its organization in 1944 and previously served as secretary to the Joint Contract Termination Board under John M. Hancock.

The retiring director, Mr. Hinckley, was appointed July 28, 1944, shortly after the Contract Settlement Act became law. A former Assistant Secretary of Commerce for Air and chairman and member of the Civil Aeronautics Authority, who has spent the last 10 or 12 years in government service, Mr. Hinckley will return to private business as vice-president and director of the American Broadcasting Company with headquarters in New York. Before his appointment as director of Contract Settlement, Mr. Hinckley was vice-president of Sperry Corporation.

Sacramento ACS Installs F.J.Clark as Chairman

F. J. Clark, professor of chemistry at Stockton Junior College, Stockton, Calif., was installed as chairman of the Sacramento Section of the American Chemical Society at a recent meeting.

Others installed at the meeting were:—

Vice-chairman, H. A. Young, chairman of the chemistry department of the University of California College of Agriculture; councilor, A. R. Eberts, associate chemical testing engineer of the State Highway Laboratory Sacremento, and secretary-treasurer, L. M. Lampert, senior chemist, State Dairy Products Laboratory, Sacramento.

CPA Priorities Bureau Headed by J.C. Houston

OPD Washington Bureau

John C. Houston, jr., has been named directors of the Bureau of Reconversion Priorities of the Civilian Production Administration, succeeding Lincoln Gordon, who will return to the Harvard Graduate School as associate professor of business administration.

What's NEW at NYQ

Quinine Sulfate USP is now being allocated for civilian anti-malarial requirements, consistent with the terms of Conservation Order M-131 as amended September 5, 1945.

Be sure to specify N.Y.Q. as filings of form WPB 2945 are required.

Special attention given to dispensing, bottling, capsule and tablet needs.

In bulk for manufacturers and in packages for wholesale trade.

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Scientific Research Bill Offered in Senate

OPD Washington Bureau

A new bill "based on proved American experience which has developed American science from its infancy to the pinnacle of leadership" was offered in the senate January 30 as a compromise for the conflicting views of the government scientists on how best the government might lend its support to an expansion of scientific research and development in this country.

The bill (S.1777) was introduced jointly by Senators Raymond E. Willis of Indiana, Thomas C. Hart of Connecticut, Albert W. Hawkes of New Jersey, Bourke B. Hickenlooper of Iowa, H. Alexander Smith of New Jersey, William A. Stanfill of Kentucky, Alexander Wiley of Wisconsin, and Milton R. Young of North Dakota. It was offered as a substitute for the Kilgore-Magnuson bills, S.1297 and S.1285.

It provides for the creation of a National Science Foundation as an independent agency with a membership of fifty distinguished men and women representatives, recognized leaders in the fields of fundamental science, social sciences, medicine, engineering, and education, and lay persons of recognized standing in public affairs, to be selected by the President from a list prepared by the National Academy of Sciences solely on the basis of established records of distinguished service.

The foundation would have power to make its own organization, including its constitution, by-laws, and rules and regulations; fill all vacancies created by death, resignation, or otherwise; appoint a chief executive officer and staff and, in general, do all other matters needful or usual in such institutions.

The foundation would examine and report to congress annually upon the monetary needs of American institutions devoted to higher education and the pursuit of knowledge in regard to research and training in all departments of science as well as aid by means of scholarships and fellowships in these departments.

It would foster the maximum publication and dissemination of scientific discoveries and technical information of scientific value and, with the approval of the Secretary of State, cooperate in any international research activities consistent with the purposes of the act. Neither the Foundation nor any of its members would receive any compensation from congress for any of the services it performs, except the actual expenses incurred in the discharge of its duties.

Rutin Now Derived From Buckwheat Plant

OPD Washington Bureau

Large-scale production of rutin, a newly recognized glucoside drug, will be possible, says the Department of Agriculture, by reason of its being found in substantial proportion (4 percent) in the green plant of buckwheat. The department says that $10 worth of buckwheat will yield as much rutin as has been got from $1,000 worth of tobacco, the best hitherto known source.

Rutin has been found in clinical studies at the University of Pennsylvania medical school, to be effective in the treatment of conditions arising from high blood-pressure associated with increased capillary fragility. It is also believed to have great nutritional value and to act somewhat in the manner of vitamin C.

Dr. Percy A. Wells, director of the USDA Eastern regional laboratory, Wyndmoor, Pa., estimated the 1946 medical needs for rutin at 10,000 pounds. He forecasts an annual need of 1,300,000 pounds to meet medicinal and nutritional requirements.

Army-Navy Medical Buying Agency in N.Y.

An Army-Navy medical procurement agency has been established at 52 Broadway, New York, in order to assure the interchangeability of medical equipment between the two services, and to unify purchases of medical supplies.

Rear Admiral K. C. Melhorn, Medical Corps, USN, is director of the project, and Colonel M. E. Griffin, Medical Corps, USA, is in charge of the procurement office.

On Brand Names Board

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, has been named to the board of directors of the Brand Names Research Foundation, New York.

ACS Midwest Award Won by C.F., G.T. Cori

Dr. Carl F. and Dr. Gerty T. Cori, professors at Washington University School of Medicine, have been announced as co-winners of the second annual Midwest Award by the St. Louis Section of the American Chemical Society.

The award, a gold medallion, is made annually by the society's St. Louis Section in recognition of "meritorious contribution to the advancement of pure or applied chemistry or chemical education." Scientists residing in Missouri, Illinois, Kansas, Iowa, Arkansas, Oklahoma, Nebraska, Kentucky and Tennessee are eligible for this honor.

The formal presentation will be made at a dinner in Hotel Coronado March 21. A year ago the first award was won by Dr. Lucas P. Kyrides, organic research director of Monsanto Chemical Company, St. Louis.

Enzyme Research Award To Be Made by ACS

An annual award of $1,000 and a bronze medal, sponsored by the Paul-Lewis Laboratories, Milwaukee, for outstanding research in enzyme chemistry, has been added to the list of awards administered by the American Chemical Society.

Nominees are limited to non-commercial chemists and may be proposed by any member of the society, except members of its award committees. The first award will be presented in April to one of a group of candidates now under consideration by a special committee.

I.G. Farben Stock Deals Banned in Germany

The American Military Government at Frankfort-on-Main, Germany, has banned all stock-exchange dealings in the stocks and bonds of I. G. Farbenindustrie.

The order, which prescribed fines of 1,000,000 marks ($10,000), five years imprisonment, or both for violations, was issued to stop almost fabulous trading in the shares of the concern, and to convince German speculators that the wreck of the huge chemical empire is permanent. The action by AMG had the effect of freezing Farben stocks on the Munich and Frankfurt exchanges at 112 percent of par.

Canadian Govt. Forms Research Branch

A research and development branch of the defense department has been organized by the Canadian government. The branch will continue the successful war-time collaboration between services and civilian research to the advantage of both.

Industrial Applications of Chemicals and Related Materials

"Where You Can Sell"

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N-Acylhydroxymethylamide of Stearic Acid

Textile—Waterproofing agent (U.S. 2232485) for various fabrics, especially heavy cotton goods.

Barium 2:2'-Dihydroxy-3:5:3':5'-tetrabutyl-(amyl)-phenylsulphide

Lubricant—Inhibitor (U.S. 2249626) of corrosive or sludging effects by paraffinoid lubricating oils.

American Cyanamid Has Protective Coating Dep't

The American Cyanamid & Chemical Corporation, New York, has formed a new protective coating products department under the direction of W. F. Whitescarver. This department, formerly a part of the organic chemicals department, was created to handle American Cyanamid's extensive line of synthetic coating resins, nitrocellulose, dibasic acids and plasticizers. Mr. Whitescarver's headquarters will be in New York.

W. F. Whitescarver

Natural Rubber Price Set for U.S. Purchases

OPD Washington Bureau

The United States has agreed to pay 20¼ cents a pound for standard top grades of natural rubber from the British, Dutch and French areas in the Far East, delivered free on board ocean-going steamer at a Far Eastern port, it was announced January 28 by the State Department.

Purchases will be made by the Rubber Development Corporation, subsidiary of the RFC, to include all natural rubber allocated to the United States by the Combined Raw Materials Board and its successor, the Combined Rubber Committee.

The agreement covers the period September 2, 1945 (V-P Day) through June 30, 1945, in the case of the Dutch and French and the period September 2, 1945, through March 31, 1946, in the case of the United Kingdom, from whose areas substantial quantities of rubber have already been shipped.

Commerce Dept. Names Small Business Unit Head

OPD Washington Bureau

The Department of Commerce has appointed Laurence F. Arnold, of Newton, Ill., as acting director of its newly-organized Office of Small Business. A former member of Congress, Mr. Arnold was in the wholesale hay and grain business for twenty-two years and has been president of the Peoples' State Bank, Newton, since 1932.

Cinchonicine
(Cinchotoxin)

Resins — Heat-stabilizer (U.S. 2260420) for acrylate resins containing vinyl chloride-alkyl acrylate interpolymers.

Hexanealphathiol

Chemical—New organic compound, claimed (U.S. 2230390) interesting for research and market development study.

Hydroxyisopropylamide of Coconut-Oil Fatty Acids

Chemical—Starting point (Brit. 541682) in making emulsifying agents of low melting point by condensing with aliphatic aldehydes, also water-soluble detergents, wetting and foaming agents, resistant to acids and alkalies, and insensitive to calcium and magnesium, by condensing with aliphatic aldehydes and sulphonating.

Hydroxylamine Sulphate

(Additional uses—supplementary to information in the books, Uses and Applications of Chemicals and Related Materials.)

Analysis — Reagent and reducing agent in analytical processes.

Chemical—Reducing agent in organic syntheses.

Suggested for use in removing and purifying aldehydes and ketones.

Suggested for use in preparation of acid amides, antiseptics, barbituric acid derivatives, isoxazoles, metal complexes, nitriles, pharmaceutical chemicals.

Dye—Suggested for use in dye manufacture.

Insecticide and Fungicide — Suggested for use in making insecticides.

Mining — Flotation agent in ore concentrating processes.

Photographic—Suggested for use in making photographic chemicals.

Resins—Catalyst in resin manufacture.

Rubber—Vulcanization accelerator in making rubber.

Propylrhodanin, Normal

Photographic—Starting point (Brit. 540577 and 540578) in making photosensitizing dyes for cellulose acetate film, by condensing with the anhydride or ortho-estere of a monocarboxylic acid in the presence of a strong base (red or bluish shades are obtained).

Pyrophillite

(Agalmatolite, Native Hydrous Aluminum Silicate, Pencil Stone).

Ceramic—Talc substitute as filler in porcelains and potteries, electrical cores, insulators, gas-burner tips, and the like.

Construction — Talc substitutes as filler for mineral shingles, blocks, slabs, artificial stone, composition floorings, as surfacing agent for cement work, as raw material (in lump or cut form) for constructing various kinds of tubs, table tops, sinks, and the like.

Cosmetic—Talc substitute as filler and absorbent in body powders, dusting powders, foot powders, deodorizing pastes, creams, and the like.

Electrical—Talc substitute as filler for wire insulating compositions of various kinds and for composition battery boxes.

Fertilizer—Talc substitute as filler for prepared fertilizer compositions.

Food—Talc substitute as dusting agent (antisticking agent) for molds, as inert packing agent for spoilable products, such as eggs, fruits, vegetables.

Triethyleneglycol Dioleate

Chemical—Starting point (U.S. 2136-379) in making scouring, washing, and wetting agents, with the aid of sulphuric acid and an alkali salt.

Final stage in the purification of penicillin—the removal of pyrogens by filtration of the penicillin concentrate.

★ ★ ★

Penicillin Merck meets the recognized high standard of quality established for all Merck products. It is subjected to repeated tests and control procedures throughout every step of the production process, and the finished product is assayed, tested, and approved under rigid standards established by the Food and Drug Administration and by the Merck Analytical Laboratories.

★ ★ ★

A GLIMPSE AT THE RECORD

IN 1940 Merck research on antibiotics concentrated on Penicillin.

IN 1941 Merck brought about a reciprocal arrangement between British and American investigators to spur the production of Penicillin in co-operation with the United States and British governments.

IN 1942 Merck supplied Penicillin for the first case of bacteriemia successfully treated with this drug in the United States.

IN 1943 Merck sent shipments of Penicillin to England by air transport for urgent therapeutic use by the United States Army Medical Corps.

IN 1944 AND 1945 Merck produced ever-increasing supplies of Penicillin for our Armed Forces.

AND NOW, Merck production of Penicillin has reached a point where, in addition to meeting continuing military requirements, large quantities are being produced for civilian medical needs.

PENICILLIN
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Council Accepted

Literature on request

MERCK & CO., Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

In Canada: MERCK & CO., Ltd., Montreal • Toronto • Valleyfield

Current Market Quotations Chemicals and Related Materials

February 1, 1946

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37

Acetic anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[1] dms., c.l., dlvd.lb. .07 - .08
l.c.l., dlvd.....lb. .07½- .08½
tanks, dlvd.....lb. .06 - .07

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .35 - —
l.c.l., works.....lb. .40 - —
5-gal. lots, works.....lb. .45 - —
less than 5-gal. lots, works..lb. .50 - —

Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10

Acetophenone, cns., dms.....lb. 1.50 - 1.75

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.98 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots.....lb. .46 - .50
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), bbls., same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous, tech. (see Arsenic, white).
USP, powd.. dms., kgs.....lb. .20 - .22

Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —

Battery, cbys., c.l., E. works.. 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.65

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59

Betaoxynaphthoic, bbls., works. lb. .95 - —

Boric, tech., 99.5% cryst. (same as prices for powder).
gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —

Broener's bbls.....lb. 1.11 - —

Acid, cacodylic, bots.....lb.13.50 -15.50
Camphoric, cns.....lb. 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms...lb. No stocks
Chlorosulphonic, dms., c.l., works..lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .23½- .26½
USP, cryst., gran., bbls., c.l. lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls...lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil,[1] s.d., dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., dms., c.l. c.l..lb. .12 - .13
tanks, dlvd.....lb. .11¼- .12¼
Cresylic, dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - -
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .580 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .696 - —
tanks, dlvd.....gal. .646 - —
Crotonic, bbls., Canadian, wks. lb. .25 - —
Dichlorophenyoxyacetic, cns., dms., works..lb. No stocks
Diethylbarbituric (see Barbital).
F (see Acid, monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - .11½
Fumaric, tech., bbls., dms..lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms. lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .43½- .45
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., dlvd.E..lb. .48 - —
tech., 48%, cbys., same basis. lb. .45 - —
34%, cbys., same basis....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works..lb. .08 - .09
48%, rubber dms., works..lb. .12 - —
52%, rubber dms., works..lb. .12½- —
60%, rubber dms., works..lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return. Phila..lb. .084 - —
tanks, Belle, W. Va., acid basis..lb. .08½- —
Hypophosphorous, USP, djns. lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24½- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less. lb. .25 - .26¼
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55

Acid, lauric, dist., 95%, dms.lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .22
Maleic, powd., dms.....lb. .50 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic,[1] kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.60 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 6.50 - 6.80
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs. .....lb. .11¼- —
smaller lots.....lb. .12½- —
Palm oil,[3] white, dist., dms..lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.03
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., dlvd. E.. gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split),
Salicylic,[1] tech., bbls., c.l...lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., dlvd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., dlvd., lb. .16¾- —
single pressed, bgs., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., dlvd., lb. .15¾- —
triple pressed, bgs., c.l., dlvd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .19¼- —
Stearic acid l.c.l. prices are:—Ton lots, ¼c. per lb. higher; less than ton lots, 1c. higher.
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....100 lbs. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —

Acid, sulphuric, CP, USP, consumers cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra....lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —

Tannic, tech., bbls., dms....lb. .71 - .72
USP, fluffy, bbls., 1,000 lbs... lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powder, bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric,[1] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —

Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic. bots.....lb. 2.00 - 2.50

Tungstic,[1] CP, 100-lb. pkgs....lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —

Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.35 - 1.40

Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —

Acrylonitrile, dms., c.l., frt. alld. lb. .39½- —
l.c.l., works.....lb. .40 - .41
tanks, frt. alld.....lb. .39 - —

Adepé lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., works. lb. .32 - .33

Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls....lb. 1.99 - 2.07
granular, cryst., bbls.....lb. 1.94 - 2.02
tech., cryst., bbls.....lb. 1.20 - 1.25

Alcohol, allyl, dms., c.l., dlvd.lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tankcars, dlvd.....lb. .20 - —

Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .70 - .75
dms. .....lb. .95 - —
Butyl, normal,[1] ferment, Ill., Ind. prod., dms., c.l., frt. alld..lb. .1980- —
l.c.l., frt. alld. E....lb. .2050- —
tanks, frt. alld. E....lb. .1880- —
tankwagons, frt. alld.lb. .1930- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E...lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E.....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary, dms., c.l., dlvd.lb. .095 - —
l.c.l., dlvd.....lb. .10 - —
tanks, dlvd.....lb. .08½- —
tertiary, denat., dms., c.l..lb. .12½- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - 3.55
Denatured,[1,7] CD14, dms., c.l., works, E..gal. .613 - —
l.c.l., works, E.....gal. .633 - .653
tanks, E. dlvd.....gal. .543 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....gal. .632 - .652
tanks, E. works.....gal. .542 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .60½- —
l.c.l., works, E.....gal. .63½- .65½
tanks, E. works.....gal. .53½- —
SD23G, dms., c.l., works..gal. .652 - —
l.c.l., works.....gal. .672 - —
tanks, works.....gal. .582 - —
SD23H, dms., c.l.....gal. .61 - —
l.c.l., works, E.....gal. .63 - .66½
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .62 - —
l.c.l., works, E.....gal. .66½- .68½
tanks, E. works.....gal. .55 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .62 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order

[4]—General Preference Order

[5]—Conservation Order

[6]—Allocation

[7]—War Food Order

Alcohol, diacetone, acetone-free, dms., c.l., dlvd..lb. .11½- .14½
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½
Ethyl, 190 pf., dms., c.l., wks. gal.17.72½- —
l.c.l., works.....gal.17.76 -17.79
tanks .....gal.17.65½- —
absolute, dms., c.l., works.gal.18.07½- —
l.c.l., works.....gal.18.71 -18.74
tanks .....gal.18.60½- —
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl, refd., dms., works..lb. .0650- —
tanks, works.....lb. .0760- —
Isopropyl, refd., 91%, dms., incl., c.l., dlvd..gal. .38 - —
l.c.l., dlvd.....gal. .41 - —
tanks, dlvd.....gal. .31½- —
90%, dms., incl., c.l., dlvd.. gal. .41½- —
l.c.l., dlvd.....gal. .44½- —
tanks, dlvd.....gal. .35 - —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.10 - 2.35
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis. lb. .60 - .63
Propyl, normal, dms., works, gal. 67 - —
smaller containers, works, gal. .82 - —
tanks, works.....gal. .60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia....lb. .55 - —
dms., c.l., Waverly, N. Y...lb. .40 - —
l.c.l., same basis.....lb. .50 - —
Aldol, dms., works.....lb. .13 - .15
denaturing grade, dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex deck.... long ton.67.50 - —
Algarobilla price based on ocean frt. at $12 insurance per long ton.
Algin, bbls., fib. dms.....lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allapice,[1] Mexican, bgs.....lb. .17 - .17½
Allyl bromide, cbys., 5,000 lbs., works..lb. .90 - —
smaller lots, works.....lb. 1.05 - 1.10
Chloride, dms., c.l., dlvd....lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
tanks, dlvd.....lb. .12½- —
Aloe, Cape, cs.....lb. No stocks
Curacao, kgs.....lb. .48 - .49
Socotrine, kgs.....lb. .43 - .41
Aloin, bbls., dms., kgs.....lb. 4.80 - 4.80
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .52 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks..gal. .89½- —
l.c.l., works.....gal. .91½- —
tanks, works.....gal. .86½- —
Alphaterpineol, dms., c.l., works. lb. .1340- —
l.c.l., works.....lb. .1390- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., works. 100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, classified, grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solution, 24%, bbls., dlvd..lb. 10½- .11
20%, bbls., dlvd.....lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solution, 32 deg., cryst., e.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solution, 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works.....lb. .10 - —
Hydrate, heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., dlvd.....lb. .14¼- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃ dms., 10,000 lbs. or er more, f.o.b. ship't point. lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis, lb. .03¾- .04
conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., wks..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .16 - .17
Laurate, precip., bbls.....lb. .23 - .24
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15¼- —
Stearate, precip., ctn., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.20
l.c.l., works, frt. equald.... 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
Alumina sulphate, com'l, bbl., l.c.l., works, frt. equald... 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works. 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%, c.l.....lb. .15 - —
l.c.l. .....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .50 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .38 - —
Aluminum powder, lining, extra, fine, 100-lb. dms.....lb. .93 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms..lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms...lb. .36 - —
varnish, stand., 300-lb. dms.. lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz. 8.75 -12.00
Aminoethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia, anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works... ton.61.50 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld..lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l.....lb. .0364- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms. .....lb. .29 - —
Carbonate, USP, lump, dms..lb. .08¼- .09½
cns. .....lb. .14¾- .17½
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride,[6] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point.....ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Nitrate - limestone, 20.5% N. bgs., Hopewell, Va..ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran, bbls.....lb. .23 - —
dms. .....lb. .25 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25¼- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¼- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.16
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .08¼- —
Sulphamate, bbls., works....lb. .18 - .21
Sulphate,[1] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports.....ton.29.20 - —
Sulphide, liquid, 40-45% basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48% cbys, works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bbls., c.l., works.... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. 17½- —
tanks, dlvd.....lb. 16 - —
ex-pentane, dms, c.l., frt. alld. E. of Miss. R..lb. 15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .096 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .68 - .85
Stearate, dms., works.....lb. .42 - —
Anethol, com'l, dms., works..lb. .657 - .682
NF, dms.....lb. 2.50 - 3.00
Angelica dom. atropurpurea root, bls..lb. 1.00 - 1.25
imported, natural, bls.....lb. 2.50 - 2.60
Angostura bark, bls.....lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11¼- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. 10½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. No stocks
Anise, Chinese, star, enroute to N. Y., bgs..lb. .40 - .41
Cyprus, bgs.....lb. No stocks
Mexican, bgs.....lb. .33 - .34
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.00 - 3.25
Annatto, paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. 08½- .09
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs..lb. .16¼- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .16 - —
l.c.l. .....lb. .15½- —
paint grade, bgs., c.l.....lb. 16¾- —
l.c.l. .....lb. 16¾- —
Salt,[1,6] 65%, bgs., c.l., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. 17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .17 - .18
Arecoline hydrobromide, bots..oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos (100% purity).65.00 - 67.00
Arnica flowers, bls.....lb. 2.25 - 2.30
Arrowroot, powd., bgs., bbls..lb. .10½- .11
Arsenic, chloride (arsenous), bots. lb. 1.55 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .78 - .80
Asbestine (see Talc, N. Y., fibrous).
Asbestos, fiber[1] 5D and 5K bgs., c.l. (20 tons), Cana. mines. ton.49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton.44.00 - —
6D, bgs., c.l. (30 tons), same basis..ton.33.00 - —
7D, bgs., c.l., same basis.ton.28.50 - —
7F, bgs., c.l., same basis.ton.26.50 - —
7H, bgs., c.l., same basis.ton.22.50 - —
7K, bgs., c.l., same basis.ton.19.00 - —
7M, bgs., c.l., same basis.ton.16.50 - —
7R, bgs., c.l., same basis.ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuba, A, bulk, c.l.....ton.60.00 - —
l.c.l. .....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l. .....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite,[1] brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
seconds, 300-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak, No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., f.o.b. Tampico, Mex. metric ton.27.50 - —
South American, refd., dms., c.l., N. J. refy..ton.22.00 -23.00
l.c.l., same basis.....ton.24.00 -25.00
tanks, same basis.....ton.15.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs.....lb. 1.90 - 2.00
Barbasco root,[1] (see Cube root).
Barberry root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....ton. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .13 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11½
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .14
grd., dms., l.c.l., works....lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes,[1] floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSo_4$, bulk, mines..ton. 6.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.15 - 1.25
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works....ton.16.00 - —
Benzaldehyde, NF, dms.....lb. .70 - 1.10
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Bensidin base, bbls.....lb. .78 - —
Benzocaine, cns.....lb. 3.20 - 3.35
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. alld..gal. .18 - —
W. Coast, Minneapolis, Colo..gal. .18 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .29½- .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns....lb. .60 - .75
dms. .....lb. .58 - —
Alcohol (see Alcohol, benzyl).
Benzoate, f.f.c., dms.....lb. 1.05 - 1.15
Chloride, tech., cbys., works, frt. equald..lb. .20 - —
refined, cbys.....lb. .21 - —
Cannamate, cns.....lb. 4.00 - 4.85
Formate, cns.....lb. 2.70 - 2.75
Propionate, bots.....lb. 1.85 - 2.45
Salicylate, bots.....lb. 1.80 - 1.85
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Benzylisoeugenol, bots.....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .30 - .36
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, dms., works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —
Beth root, bls.....lb. .43 - .44
Bismuth chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.90
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.49
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 2.25 - —
bots .....lb. 1.20 - 1.23
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb cans.....lb. 2.54 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms...lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene, bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs, bbls., c.l., same basis. lb. .12 - —
3, bgs, bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08¼- —
400A, bgs., bbls., c.l., same basis..lb. .08¼- —
457, bgs., bbls., c.l., same basis..lb. 11¼- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, channel, compressed, beads, bulk, c.l., works..lb. .05 - —
bgs., c.l., works.....lb. .055 - —
l.c.l., works.....lb. .06 - —
dlvd. or whse.....lb. .092 - —
uncompressed, regular, bgs., c.l., works..lb. 63625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse.....lb. .07¼- —
SRF, bgs., c.l., works...lb. .05½- —
ctns., l.c.l., whse.....lb. .08 - —
Thermatonic, bgs., c.l., works, La...lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. 06½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06¾- —
Lamp, 1, ctns., c.l., works..lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15¼- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls.....lb. .84 - .85
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bgs., c.l., works..ton.70.00 - —
bbls., c.l., works....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66%, bbls., c.l., works. ton.40.60 - —
l.c.l., same basis....ton.46.50 - —
Bleaching powder,[6] dms., c.l., works..100 lbs. 2.60 - 3.10
l.c.l., works.....100 lbs. 3.75 - 3.90
Blood,[1,7] dried, 16-16½% ammon., bgs...unit-ton. 5.55 - —
high-grade, unground, 16-17% ammon., bulk, Chicago. unit-ton. 5.55 - —
soluble, bgs., c.l., Chicago...lb. .13 - —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .65 - .70

CITRIC ACID

- We have an especially high purity Citric Acid U.S.P. granular pack in barrels of 220 pounds, net each.

- We also have an improved grade, known as "powder-gran" particularly adapted for saline preparations and certain food products.

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CABLE "WILNEUBERG"

Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
Toner, bbls., same basis....lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis..lb. .36 - —
Cobalt, genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis. lb. 4.50 - 4.90
Iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .36 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .16 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .34 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27

Blue, victoria, toner, molybdic, bbls..lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink tone:, bbls., same basis. lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, bbls., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss.; N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Blueflag root, bls.....lb. .70 - .75
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.37.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs.. E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.).

Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. No stocks
Borax, tech, 99½% gran., bulk, c.l., frt. alld...ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 5.25
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50

Broomtop, bls.....lb. .14 - .15
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .03¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .03¼- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .06½- —
ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .06¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .45 - .46
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .35 - .37
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03¼- —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1895- —
l.c.l., same basis.....lb. .1945- —
tanks, same basis.....lb. .1795- —
tankwagon, same basis.lb. .1830- —
other production dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis.. .lb .1800- —
synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .85 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25¼
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks, dlvd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,5] ingots or sticks, dlvd. lb. .90 - —
pat. shapes, cs., dlvd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs., futures, lb. .60 - .65
Calamus root, natural, dom., bls. lb. .70 - .75
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., dlvd..... 100 lbs 3.00 - 4.06
Arsenate, bgs., c.l., wkse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08¾
Bromide, N.F., jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.50.00 - —
dlvd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., dlvd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -24.50
l.c.l., dlvd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .25 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .25 - .27
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.20
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —

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Saligenin
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Calcium, phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 ⁄ over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs.....100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0655- —
bgs., l.c.l., works.....lb. .0645- .0680
Resinate, precip., 5.3% Ca, 100-lb dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .06½- —
l.c.l., works.....lb. .09 - —
Stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .29
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 2%-4% Ca, 50-gal. dms., lb. .13½- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works..lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 2.60 - 2.65
Calomel, bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
10 bbls. (1,500 lbs.)....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms.lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII, cns..lb. 4.50 - 4.65
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[3] California, Dutch type..lb. No stocks
Canadian, bgs.....lb. .62 - .63
Danish, bgs., futures.....lb. .62 - .63
Dutch, bgs., futures.....lb. .63 - .64
Morocco, dewhiskered, futures, bgs..lb. .62 - .63
Spanish, dewhiskered, bgs..lb. No stocks
Syrian, dewhiskered, futures, bgs..lb. .68 - .69
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm, dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works, lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1] c.p., dms., c.l, lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal 1.27 - —
Zone 4, 52½-gal. dms., c.l. gal. .88 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.35 - 1.40
medium, cs.....lb. 1.30 - 1.35
decorticated, Guatemala, cs..lb. 1.10 - 1.12
India, cs.....lb. 1.15 - 1.20
green, Alleppey, bgs.....lb. .90 - .92
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works, lb.37.80 - —
50,000 USP units per gm., bots., works..lb. 8.43 - —
dms., works.....lb. 7.68 - —
8,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,300 USP units per gm., dms., works..lb. .66 - .71
Carvol, bots.....lb.16.00 -20.00
Cascara sagrada bark, bulk..lb. .43 - .45
Case-hardening mixture, 50% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis, lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25¼- —
20 to 99, same basis....lb. .25¾- —
less than 20.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .24 - —
rennet-precip., unground, bgs., 100 bgs. or more..lb. .23½- .23¾

Cassia,[1,7] China, buds, bgs., futures..lb. .46 - .47
rolls, selected, cs., futures, lb. .46 - .47
extra select, broken, bls., futures..lb. .42 - .45
Cassia fistula, bskts.....lb. .28 - .29
Castor beans,[7] bgs., Brazilian ports..long ton.100.00 -102.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works, unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.00 -13.00
synth, bots.....lb.10.00 - —
Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls.....lb. .50 - .55
Celery seed,[1] French, bgs.....lb. No stocks
Indian, bgs.....lb. .22 - .28
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .36 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
Granules are 5c. per lb. higher, all quantities.

Cellulose acetate-propionate, flake, high (31.5% propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works...lb. .48 - —
Granules are 5c. per lb. higher, all quantities.
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .03¾- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works, ton.32.50 - —
rubbermakers, bgs., c.l., works ton.30.00 - —
Chamomile, Hungarian type, cs., lb. .52 - .53
Roman, bls., futures.....lb. 1.75 - 1.85
Charcoal, hardwood, lump, bulk, c.l., works..ton.31.25 - —
bur. bgs., ret., c.l., works, ton.31.00 -32.75
briquets, bulk, c.l., works..., ton.35.00 - —
bgs., c.l., works.....ton.40.00 -41.00
granular, all grades, bgs., incl., works..ton.44.00 - —
screenings, bur. bgs., ret., c.l., works..ton.23.65 - —

Charcoal pinewood,[1] lump, bgs., c.l., Southern shipping points..ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.30.20 - —
Willow, powd., bbls.....lb. .06 - .07
l.c.l., works.....ton.41.00 - —
Chestnut extract,[1,8] standard 25% tannin, bbls., c.l., works..100 lbs. 3.23 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.62 - 2.96
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.32
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay,[1] dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.16.00 - —
bulk, c.l., works.ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -18.50
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks.,l .c.l., ex whse.ton.41.00 -
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l....lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —

Spot Deliveries

SODIUM BICHROMATE
CAUSTIC POTASH
MAGNESIUM METAL POWDER High Purity
88% - 92% SOAP POWDER & SOAP FLAKES
COPPER SULPHATE
HEAVY CALCINED MAGNESIA White
DICALCIUM PHOSPHATE Pure Food Grade
BLEACHING POWDER 35% - 37%
DDT
CAUSTIC SODA
ZINC OXIDE American Process
METHYLENE CHLORIDE
ALUMINUM ACETATE

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE
NICKEL OXIDE, etc.

GOLWYNNE
CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Chlorine, tanks, single units, works, frt. equald.100 lbs. 1.75 - —
multiple units, 8 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyl..
100-lb. cyls., same basis...lb. .32 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 23% Cr., bbls., works..lb. .32 - .34
ton lots, works.....lb. .30 - .32
solut., 8%. bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Chrome fluoride, bbls., wks....lb. .24 - .27
Cake, bulk, c.l., works.....ton.16.00 - —
Ore[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cas..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchonine[6] small, cryst., cns., 100 ozs..oz. No prices
large, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms.....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. .85 - .95
Cinnamon,[1,7] Ceylon, O, bls., futures..lb. .5202- —
OO, bls., futures.....lb. .5320- —
OOO, bls., futures.....lb. .5407- —
OOOO, bls., futures.....lb. .5494- —
No. 1, bls., futures.....lb. .5145- —
2, bls., futures.....lb. .5058- —
3, bls., futures.....lb. .4958- —
4, bls., futures.....lb. .4858- —
Citral, bots., cns.....lb. 4.50 - 6.50
Citrine, ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. No prices
Citronellol, bots., dms.....lb. No prices
Clove,[1] Madagascar, bls.....lb. .15½- .16
futures, bls.....lb. .16 - .16½
Zanzibar, bls.....lb. .17¼- .17¾
futures, bls.....lb. .17 - .17½
Clover tops, red, dom., bgs....lb. .50 - .55
imported, bgs.....lb. No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- .08½
refd., 50-gal., bbls., c.l, wks. bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, 55 gal., dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., 55-gal. dms., c.l., wks. dm. 8.75 - —
l.c.l., works.....dm. 9.25 - —
Cobalt acetate, bbls., kgs., dlvd.. lb. .83¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate, powd., bgs., works.. lb. 1.58 - —
feed grade, 23% Co, kgs....lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate, bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs....lb. 2.25 - —
Cobalt linoleate, paste 5%, dms. lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[1] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .42 - .44
Cobalt sulphate, dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.
Cobalt-ammonium sulphate, 14% Co, kgs..lb. .7b - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .46 - .47
silver, Teneriffe, bgs.....lb. .47 - .49
Cocoa butter,[1,7] bulk, ship. pt.lb. .25 - —
Cocillana bark, bgs.....lb. No prices
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .19
blue, bls.....lb. .22 - .23
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .29½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .13
Copaiba balsam, Para, cns....lb. No stocks
S. A., USP, cns.....lb. .95 - 1.00
Copper acetate, cupric, bbls., works..lb. .25¼- —
smaller containers, wks..lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19¼- .20½
Chloride, anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1] electrolytic.....lb. .12 - .13½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .16 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19¼- .20½
Oleate, precip., bbls.....lb. .22¼- .23½
Oxide, black, bbls., works....lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.5% Cu, 125-lb. dms..lb. .13¼- .16
Sulphate,[1] 99%, cryst., bgs., c.l., works..100 lbs. 8.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 8.15 - 8.60
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd.100 lbs.10.20 - —
smaller lots, dlvd..100 lbs.10.95 - —
dms., c.l., dlvd.....100 lbs. 8.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra,[7] Coast, ship't.....lb. No prices
Coriander[1] seed, Argentine, bgs. lb. .00 - .09½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .09½- .10
So. American, bgs.....lb. .10 - .10½
Corn silk, bls.....lb. .45 - .48
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.... 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —
Cottonroot bark, bls.....lb. .22 - .25
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .91
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .51½- —
smaller lots, bbls., kgs., lb. .52 - .52½
imported, bls.....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar (see Cresol).
Oil,[2] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .3235
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .13 - .13½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, N.F., bots., cbys. lb. .60 - .77
Pine, dms.....gal. .31 - .32
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .06½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .30
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs., futures.....lb. .34½- .35
Morocco, bgs.....lb. No stocks
Syrian, bgs.....lb. .40 - .41
Cutch, bgs.....lb. No stocks
Cyanamid,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, tech., dms., c.l., works..lb. .10¼- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09¼- —
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l., works.....lb. .30 - —
l.c.l., works.....lb. .30½- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls.....lb. .45 - .48
Dandelion root, bls.....lb. .70 - .75
DDT, fiber, dms., c.l., works..lb. .45 - —
ton lots, works.....lb. .50 - —
tins, smaller lots, works.lb. .53 - .60
Decanol, normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .26½- .29½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots...lb. 5.50 - 5.85
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —

ADVENTURES IN THE "MARGIN OF EXPERIENCE"
Ceramics—
Number 4 in a Series depicting the industries served by the products of Niagara... "An Essential Part of America's Great Chemical Enterprise".
AN ANCIENT ART REVITALIZED
Typical of the older industries that are developing long-latent possibilities in their products is the ceramic industry. Through research and the use of new production techniques, leaders in this industry are constantly improving the quality utility of such materials as tile, porcelain, stoneware, earthenware and chinaware.
Outstanding among these advancements is the application of one-coat porcelain enamels for steel...the use of ceramics in battery housings...the development of colorful and decorative tiles for roofs and loadbearing walls...special insulating materials for electrical equipment...improved linings for chemical producing equipment and furnaces.
But these are not all due to research—many were made possible because of the broad "Margin of Experience" provided by years of ceramic history. It is just such a margin of experience Niagara Alkali Company, long a pioneer in the field of electro-chemical products, offers to the customers it serves.
Niagara ALKALI COMPANY
60 EAST 42ND STREET, NEW YORK 17, N. Y.
Caustic Potash • Caustic Soda • Parodichlorobenzene
Carbonate of Potash • Liquid Chlorine • Nicathal
An Essential Part of America's Great Chemical Enterprise

Swords into Ploughshares + Increased Demand = Patience, Please!

Yes, all kinds of packages and containers are short . . .

. . . beer cans, coffee cans, paint cans, talcum cans. Just name the line of industry that wants packages and it's the same old story, "We can't get enough."

For the time being, therefore, American Can customers must share the available supply of containers.

It is our responsibility to ration this supply among all our customers on an equitable basis. You understand, we are sure, that this is in the best interests of everyone.

Now, why are containers short?

For one thing, the war emphasized again that cans are the ideal container.

And today's demands are tremendous. For example, the estimated requirements for paint cans for 1946 are two and a half times greater than in 1941. That was an all-time peak year. And yet, we are making more paint cans today than we did then.

Such increased demand prevails in nearly every industry that uses metal containers or metal-and-fibre containers.

Then, too, in changing back to cans from war packages, many industries must build up an inventory among distributors and dealers . . . another reason for an abnormal demand for containers at this time.

So, as we beat our swords into ploughshares and at the same time turn out more containers than we did in the peak year of 1941 . . .

. . . we *still* can't supply you fast enough.

Please have patience with us.

American Can Company CANCO New York Chicago San Francisco

NO OTHER CONTAINER PROTECTS LIKE THE CAN

Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2106
Sulphide, l.c.l., dms., works.lb. .25 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat. bgs., c.l., Pacific coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 - 90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2270- .2300
1-gal., cns., works.....gal. .2470- .2100
dms., c.l., works.....lb. .1720- .2359
l.c.l., works.....lb. .1770- .2409
tanks, works.....lb. .1620- .2259
Sebacate, dms., c.l., works..lb. .4800- .5075
l.c.l., works.....lb. .4850- .5125
tanks, works.....lb. .4600- .4975
Tartrate, dms., works, frt. alld. lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —
Dichlorodiphenyltrichloroethane (see DDT)
Dichloroethyl ether,[6] purifed, dms., c.l., works, frt. equald with Sa. Charleston..lb. .16 - —
l.c.l., same basis..lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd.. 90%, dms.....lb. .80 - —
Oxalate, dms., c.l., divd.....lb. .30½- —
l.c.l., divd.....lb. .31 - —
Phthalate,[6] dms., c.l., divd..lb. .21½- —
l.c.l., divd.....lb. .22 - —
tanks, divd.....lb. .20½- —
Sulphate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works.lb. .44 - —
l.c.l., works.....lb. .46 - —
tanks, works.....lb. .40 - —
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld.in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Diethyleneglycol, monoethylether, dms., c.l., wks..lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Digiycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Dihydroxydichlorodiphenylmethane, dms., works of N.Y. met.lb. .95 - 1.00
smaller containers, same basis lb. 1.05 - 1.40
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .18 - .18½
dewhiskered, bgs.....lb. .10½- .11
Dimethyl phthalate, dms., c.l., divd..lb. .20 - —
l.c.l., divd.....lb. .20½- —
tanks, divd.....lb. .19 - —
Dimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylaniliin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .13 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin, dms.. ton lots, divd..lb. .44 - —
smaller lots, divd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1] destructive dist.. dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .45 - —
steam-dist., dms., divd. E..gal. .56 - .58
tanks, divd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[1,6] 42% tannin, c.l., U.S. ports, ex dock..ton.67.00 -69.00
Doggrass root, dom., cut, bls.lb. .30 - .35
imp., NF, cut, bls.....lb. .50 - .55
Dogwood, Jamaica, bark, bls..lb. .10 - .11
Dover's powder, USP, cns....lb. No stocks
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks

Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.13.00 - —
Green, FD&C, No. 1, cns....lb.13.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns..lb. 2.80 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 32, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1, cns..lb. 3.00 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 2.55 - —
No. 5, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —

Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C, No. 1, cns.....lb. 3.35 - —
Blue, D&C, No. 4, cns.....lb.12.35 - —
Brown, D&C, No. 1, cns.....lb.12.35 - —
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.85 - —
Orange, D&C, No. 3, cns....lb. 3.35 - —
No. 4, cns.....lb.15.35 - —
No. 10, cns.....lb.15.85 - —
Yellow, D&C, No. 7, cns.....lb. 3.35 - —
No. 8, cns.....lb. 3.35 - —
No. 11, cns.....lb.10.35 - —
No. 19, cns.....lb.15.85 - —
No. 22, cns.....lb. 3.35 - —
No. 23, cns.....lb.13.35 - —
No. 27, cns.....lb.12.85 - —
Red, D&C, No. 3, cns.....lb. 2.85 - —
No. 17, cns.....lb. 3.35 - —
No. 18, cns.....lb.15.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1 cns...lb.10.35 - —
No. 3, cns.....lb.21.95 - —
No. 8, cns.....lb. 7.85 - —
No. 10, cns.....lb.12.35 - —
No. 13, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns. lb. 3.35 - —

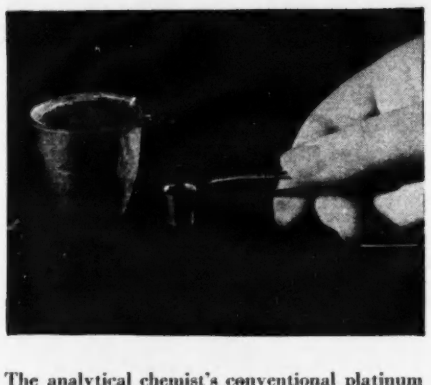
Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
86 Chrome yellow, 2G...lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
328 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F.....lb. .70 - .73

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
465 Benzo purpurin 10B..lb. .40 - .50
lb. .35 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .85 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L.lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

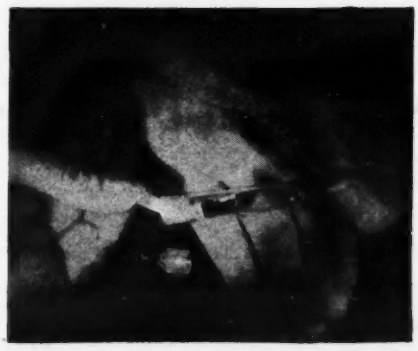
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
665 Nigrosin derivatives....lb. .36 - .44
Blue—
7075 Alizarin astral base...lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1060 Anthraquinone, violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

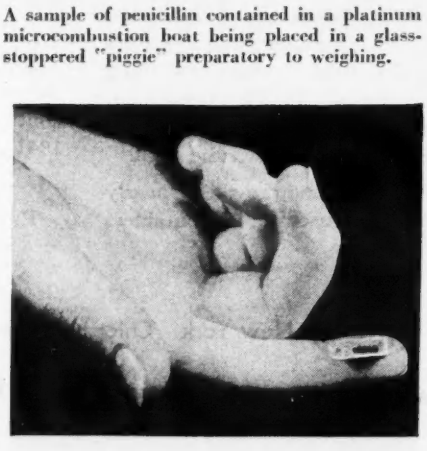
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1064 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .95 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10



The analytical chemist's conventional platinum crucible with the microanalyst's platinum filter crucible beside it.



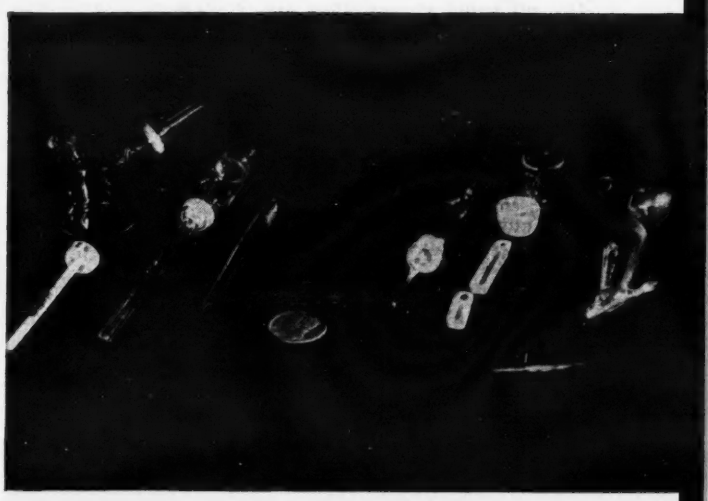
A sample of penicillin contained in a platinum microcombustion boat being placed in a glass-stoppered "piggie" preparatory to weighing.



The microanalyst's porcelain microcombustion boat containing a sample for testing.

IT'S A SMALL WORLD FOR THE "GULLIVERS" OF MICROCHEMISTRY

The microchemist performs a vital function—analysis of material developed by organic research. He must work with extremely sma and often precious quantities of materials, and with apparatus of proportionately minuscule scale. For example, test tubes are n larger than pencil erasers and beakers, flasks and crucibles as tin as a child's thimble. Often the quantity of a new material availabl amounts to but a few grains or a fraction of a drop weighing littl more than a milligram, which may have taken months of painstak ing effort to produce. This he must analyze or react with other com ponents to gain priceless information regarding its constituents atomic structure, or usefulness. Thus, out of this "small world" c research have come the keys to large-scale production of many im portant products, among which are the sulfa drugs, penicillin melamine, and a long list of other progress-creating industri chemicals. Cyanamid maintains microanalytical departments i its research laboratories. Here new materials are analyzed, sample checked and tested for purity, and the structure of hundreds c chemical individuals determined by "micro" methods. It's a sma world but very important in the scheme of large-scale and long range research through which Cyanamid is promoting progress in score of industries that supply the things we use in every-day living



Shown in size relationship to a ten-cent piece are, from left to right . . . porcelai filter stock, sintered glass filter tube, microcentrifuge tube, micro weighin "piggie," microcombustion boat (small and medium sizes), 1 ml. porcelai crucible, 1 ml. glass beaker, snipe feather, boat-shaped microtitration cel spherical microtitration cell, 5 ml. pear-shaped flask.

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Brown—
- 231 Bismarck brown G...lb. .47 - .62
- 234 Resorcin brown Y....lb. .65 - —
- 235 Resorcin dark brown R, lb. .66 - —
- 632 Bismarck brown R...lb. .47 - .62
- 798 Phosphin .....lb. 4.65 - —

Green—
- 5 Naphthol green B....lb. 1.00 - —
- 667 Malachite green.....lb. 1.35 - —
- 662 Brilliant green.....lb. 2.00 - —
- 666 Guinea green B.....lb. 1.15 - —
- 737 Wool green S.....lb. .56 - —
- 924 Methylene green B....lb. 1.55 - —
- 1078 Alizarin cyanin green..lb. 2.00 - —

Orange—
- 10 Chrysodin G.....lb. .44 - —
- 21 Chrysodin R.....lb. .41 - —
- 27 Orange G.....lb. .50 - —
- 31 Amidonaphthol red G.lb. .42 - —
- 37 Amidonaphthol red 6B, lb. .66 - —
- 151 Orange Y.....lb. .31 - .33
- 161 Orange R.....lb. .34 - —

Red—
- 79 Ponceau R.....lb. .46 - —
- 88 Fast red B.....lb. 1.65 - —
- 176 Fast red A.....lb. .54 - —
- 179 Azorubin .....lb. .60 - —
- 183 Crocein scarlet 3BX..lb. .72 - .75
- 185 Cochineal red A.....lb. .60 - —
- 252 Brilliant crocein M..lb. .66 - —
- 677 Fuchsin .....lb. 2.10 - —
- 749 Rhodamine B.....lb. 3.50 - —
- 752 Rhodamine 6B.....lb. 4.50 - —
- 798 Eosin G.....lb. 1.50 - —
- 841 Safranin .....lb. 1.45 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Violet—
- 680 Methyl violet B.....lb. .70 - .75
- 681 Crystal violet B.....lb. 1.75 - —
- 695 Acid violet 4BN.....lb. .66 - —

Yellow—
- 10 Naphthol yellow S...lb. .92 - —
- 138 Metanil yellow.....lb. .56 - .66
- 686 Fast light yellow....lb. 1.25 - —
- 689 Xylene light yellow..lb. 1.15 - —
- 640 Tartrazin .....lb. .60 - —
- 655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—
- 884 Nigrosin .....lb. .36 - .44

Blue—
- 960 Indulin .....lb. .60 - .70

Brown—
- 331 Bismarck brown.....lb. 1.50 - —

Green—
- 637 Malachite green base.lb. 2.00 - —

Orange—
- 20 Chrysoidin G.....lb. .96 - —
- 21 Chrysoidin R.....lb. .96 - —

Red—
- 677 Fuchsin, magenta, base, lb. 7.35 - —
- 749 Rhodamine R.....lb. 4.75 - —

Yellow—
- 67 Amidoazotoluene yellow, lb. .75 - —
- 655 Auramine .....lb. 2.00 - —
- 800 Chinolin yellow SS..lb. 2.00 - —

Violet—
- 680 Methyl violet base...lb. .85 - —

Dyes, natural (see name of article).

E

- Echinacea root, bls.....lb. .75 - .80
- Egg,[1,7] albumen (see Albumen).
- Yolk,[1,7] dried, dom., bbls....lb. 1.04 - 1.10
- imported .....lb. No stocks
- Elder, flowers, bright, bls.....lb. .75 — .85
- Elecampane root, bls.....lb. .55 - .60
- Elm bark, grinding, bls.....lb. .35 - .36
- powd., bbls., bxs.....lb. .55 - .56
- select, bndls.....lb. .55 - .56
- Emetine hydrochlorides, bots...oz.44.50 -45.00
- Ephedra, bls.....lb. .28 - .30
- Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
- Hydrochloride, tins.....oz. .95 - 1.45
- Sulphate, tins.....oz. .95 - 1.45
- Synthetic, USP, anhydrous, bots..100 ozs. .65 - —
- hydrous, bots, 100 ozs...oz. .65 - —
- Ephedrine hydrochloride, tin, 100 ozs..oz. 50 - —
- Sulphate, cryst., tins, 100 ozs. oz. .45 - —
- Epinephrine, synth., USP, bots. gram. .75 - —
- Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
- l.c.l. .....100 lbs. 2.15 - 2.40
- dried, bgs.....lb. .03½- —
- l.c.l., bgs.....lb. .04 - .07
- USP, cryst., bgs., c.l..100 lbs. 2.00 - —
- l.c.l., 5,000 lbs. 1 withdrawal..100 lbs. 2.25 - —
- smaller lots....100 lbs. 2.50 - —
- bbls., c.l.....100 lbs. 2.10 - —
- l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
- smaller lots.....100 lbs. 2.60 - —
- Epsom salt, USP, kgs., c.l..... 100 lbs. 2.35 - —
- l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
- smaller lots.....100 lbs. 2.65 - —

Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

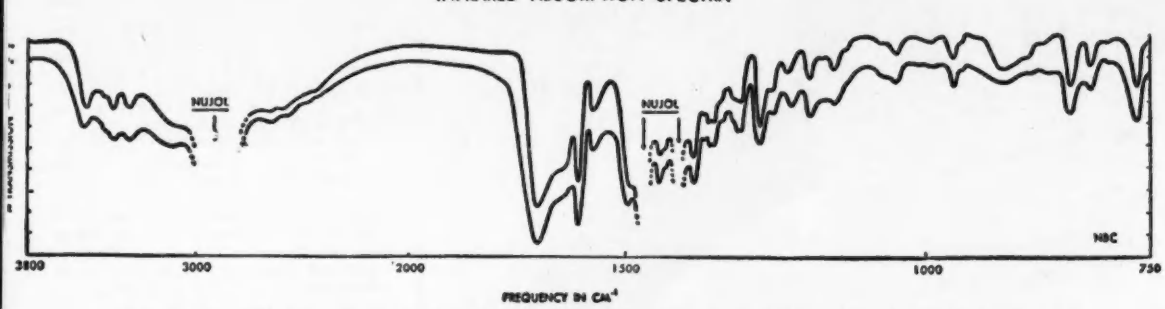
- Ergot, USP, cns.....cs. 1.60 - 1.65
- Eserine, bots.....oz. No price
- Sulphate, 1-gram, vials....vial. 2.10 - —
- Ether, acetic (see Ethyl acetate).
- Amyl (see Amyl ether).
- Butyl, l.c.l., dms., dlvd.....lb. .30 - —
- Ethyl (see Ether, sulphuric).
- Nitrous, cons., bots., 100 lbs.lb. .98 - 1.10
- Sulphuric, cons., dms.....lb. .11 - .16
- USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
- Synthetic, dms., c.l., wks...lb. .14½- —
- l.c.l., works.....lb. .15½- —
- tanks .....lb. .13½- —
- Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .1060- .1200
- l.c.l., frt. alld.....lb. .1100- .1250
- tanks, frt. alld.....lb. .0960- .1100
- 95-99%, dms., c.l., frt. alld.lb. .1075- .1225
- l.c.l., frt. alld.....lb. .1125- .1275
- tanks, frt. alld.....lb. .0975- .1125
- NF, dms.....lb. .14½- .15½
- Acetoacetate, dms., c.l., works. lb. .37½- —
- l.c.l., frt. alld.....lb. .38 - —
- Benzoate, bots.....lb. .50 - .52
- Bromide, tech., dms.....lb. .66 - .68
- Carbamate, dms., dlvd. E...lb. .56 - —
- Chloride, tech. ,dms.....lb. .18 - .20
- USP, bbls., cyl.....lb. .20 - .22
- Cinnamate, cns.....lb. 3.50 - 3.90
- Formate, dms., Agnue, Calif., lb. .28 - .32
- Iodide, bots.....lb. 3.50 - 3.60
- Lactate, dms., works.....lb. .23½- .25½
- Myristate, dms., works.....lb. .55 - —
- Oenanthate, dms.....lb. 1.10 - 1.15
- Oleate, dms., l.c.l., works...lb. .47 - —
- Oxalate, dms., frt. alld.....lb. .28 - —
- Silicate, dms., l.c.l., works..lb. .77 - —
- Ethylcellulose, pkgs., 5,000 lbs. or more, works..lb. .50 - —
- smaller lots, works.....lb. .53 - .60
- Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
- Ethylene dichloride, dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0642- —
- West of Rockies..lb. .0691- —
- l.c.l., works, frt. alld. E. of Rockies..lb. .0891- —
- West of Rockies..lb. .0941- —
- tanks, frt. alld. E. of Rockies, lb. .0748- —
- West of Rockies..lb. .0798- —
- Trichloride (see Trichloroethane).
- Ethyleneglycol, dms., c.l., frt. alld. in E..lb. .10 - —
- l.c.l., same basis.....lb. .11 - —
- tanks, same basis.....lb. .09 - —
- Monobutylether, dms., c.l., wks. lb. .17½- —
- l.c.l., works.....lb. .16½- —
- tanks, works.....lb. .16½- —
- Monoethylether, dms., c.l., wks. lb. .15½- —
- l.c.l., works.....lb. .16½- —
- tanks, works.....lb. .14½- —
- Monoethylether acetate, dms., c.l., works..lb. .13½- —
- l.c.l., works.....lb. .14½- —
- tanks, works.....lb. .12½- —
- Monoethylether, dms., c.l., wks. lb. .16½- —
- l.c.l., works.....lb. .17½- —
- tanks, works.....lb. .15½- —
- Ethylethanolamine, dms., c.l., works..lb. .57 - —
- l.c.l., works.....lb. .60 - —
- Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
- Ethylemorphine hydrochloride, bots..oz.10.50 -10.75
- Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
- smaller lots.....lb. 5.50 - 5.60
- Eucalyptol, cns., dms.....lb. 2.50 - 2.55
- Eucalyptus leaves, bls.....lb. .10 - .13
- Eugenol, cns., dms.....lb. 3.05 - 3.25
- Euphorbia, bls.....lb. .16 - .17

F

- Feldspar,[1] enamel, 100 mesh, ton.17.00 -20.50
- bulk, c.l.....ton.14.00 -17.50
- glass, 20 mesh, bgs., works, min. 2 tons..ton.12.75 -16.25
- bulk, c.l.....ton. 9.75 -12.25
- pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
- bulk, c.l., works.....ton.17.00 -19.00
- Fennel seed, Argentine, bgs...lb. .27 - .27½
- Indian, bgs.....lb. .15½ Nom.
- Fenugreek, domestic, bgs.....lb. No stocks
- Indian, bgs.....lb. No stocks
- Morocco, bgs.....lb. .10½- .11
- Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
- l.c.l., works.....ton.40.00 - —
- Film scrap, colored, cs., works.lb. .13½- .15
- water-white, cs., works.....lb. .14½- .17
- Fir balsam, Canada, cns....gal.18.50 -20.00
- Oregon, bbls.....gal. 2.50 - 2.60
- Fishberries, bgs.....lb. .24 - .25
- Fishliver oils (see Oil, fishliver).
- Fishmeal,[1,7] grd., 60% protein, bgs., E. works..ton.72.50 - —
- 65% protein, bgs., E. works, ton.78.50 - —
- Fishscrap,[7] dried, 60% protein, bulk, East coast..ton.66.00 - —
- Flake, white, bbls.....lb. .09 - —
- kegs .....lb. .11 - —
- Flaxseed, dom., French-type, bgs. lb. .07 - .08
- French, black, bgs.....lb. No stocks
- Indian, blonde, bgs.....lb. .13½- .22
- Fluorspar,[1] No. 1, ground, 95-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
- washed, gravel, 70% or more CaF_2, c.l., bulk, mines..ton.33.00 - —
- 65%, c.l., bulk, mines....ton.32.00 - —
- 60%, c.l., bulk, mines....ton.31.00 - —
- less than 60%, c.l., bulk, mines..ton.30.00 - —
- Formaldehyde,[1] bbls., c.l., works, lb. .0620- —
- l.c.l., works.....lb. .0570- —
- dms., extra, c.l., works.....lb. .0460- —
- l.c.l., works.....lb. .0610- —
- tanks, works.....lb. .0620- —
- tanktrucks, dlvd. N.Y.C....lb. .0645- —
- Fringetree bark, bls.....lb. .55 - .56
- Fuller's earth,[1] dom., powd., bgs., c.l., Fla., Ga. mines.. ton. 9.50 -15.00
- Tex. mines.....ton.12.50 - —
- spent, bulk, Bayonne...ton. 3.00 - —
- Chicago .....ton. 4.00 - —
- imp., bgs., c.l.....ton.30.00 -40.00

CHEMICAL NEWSFRONT

INFRARED ABSORPTION SPECTRA



Two Infrared Autographs. *A.* Folic acid derived from liver. *B.* Folic acid made synthetically.
The obvious similarity demonstrated that the synthetic was chemically identical with the natural product.

THE SCIENCE OF INFRARED AUTOGRAPHS—The infrared region of light es, as its name indicates, next beyond the outside red band at ne side of that split-up of visible light which we know as the ainbow. It is, in terms of the wave length range of its electro-agnetic vibrations, many times as wide as the band of visible ght. The infrared invisible light is emitted by any hot object nd can be utilized in many ways.

If infrared rays are allowed to fall on a pure substance, and heir frequency is gradually altered, the frequencies will successively each the same frequency as that of one of the several molecular ibrations of the substance and the infrared rays will be absorbed nstead of passing through undisturbed. Location of all the bsorption bands of the substance on the scale of frequencies provides valuable evidence for identification. The record of the examination of a substance can be made by a simple mechanical pen device over a calibrated scale of frequencies in a wavy irregular line which relates the degree of absorption of the infrared rays to the various frequencies at which such absorption occurs. Thereby a pure substance literally writes its own unique autograph in a few moments.

When infrared spectroscopy is to be used for limited routine analyses as on some single product in manufacture, the spectroscope can be simplified so that anybody can use it for the specific purpose. A small and inexpensive instrument is now being made as a standard stock item by several optical instrument makers.

NEW LEAF IN TOBACCO HISTORY—A remarkable chemical is helping obacco growers everywhere raise hardier, healthier plants of all ypes...and at the same time save many days of back-breaking abor every year!

This chemical is "AERO"* Cyanamid, a combination weed killer nd fertilizer. Applied to tobacco plant beds from sixty to ninety ays before the tobacco seeds are planted, "AERO" Cyanamid estroys the weed seeds before they have a chance to germinate. ater, it undergoes a chemical change and loses this killing power, ecoming a fertilizer and enriching the soil to produce sturdy, ore disease-resistant transplants which in turn yield a better, arlier crop of finer tobacco leaves.

Here is a double benefit of tremendous importance. But "AERO" yanamid offers another advantage of equal if not greater value to he farmer. It eliminates the costly and time-consuming job of and weeding, which in most cases is a matter of great expense. AERO" Cyanamid is also being used with similar success by other armers for controlling weeds in tomato, pepper, celery and various ther transplant beds. A common estimate among farmers is that a dollar spent for 'AERO' Cyanamid saves ten dollars in labor."

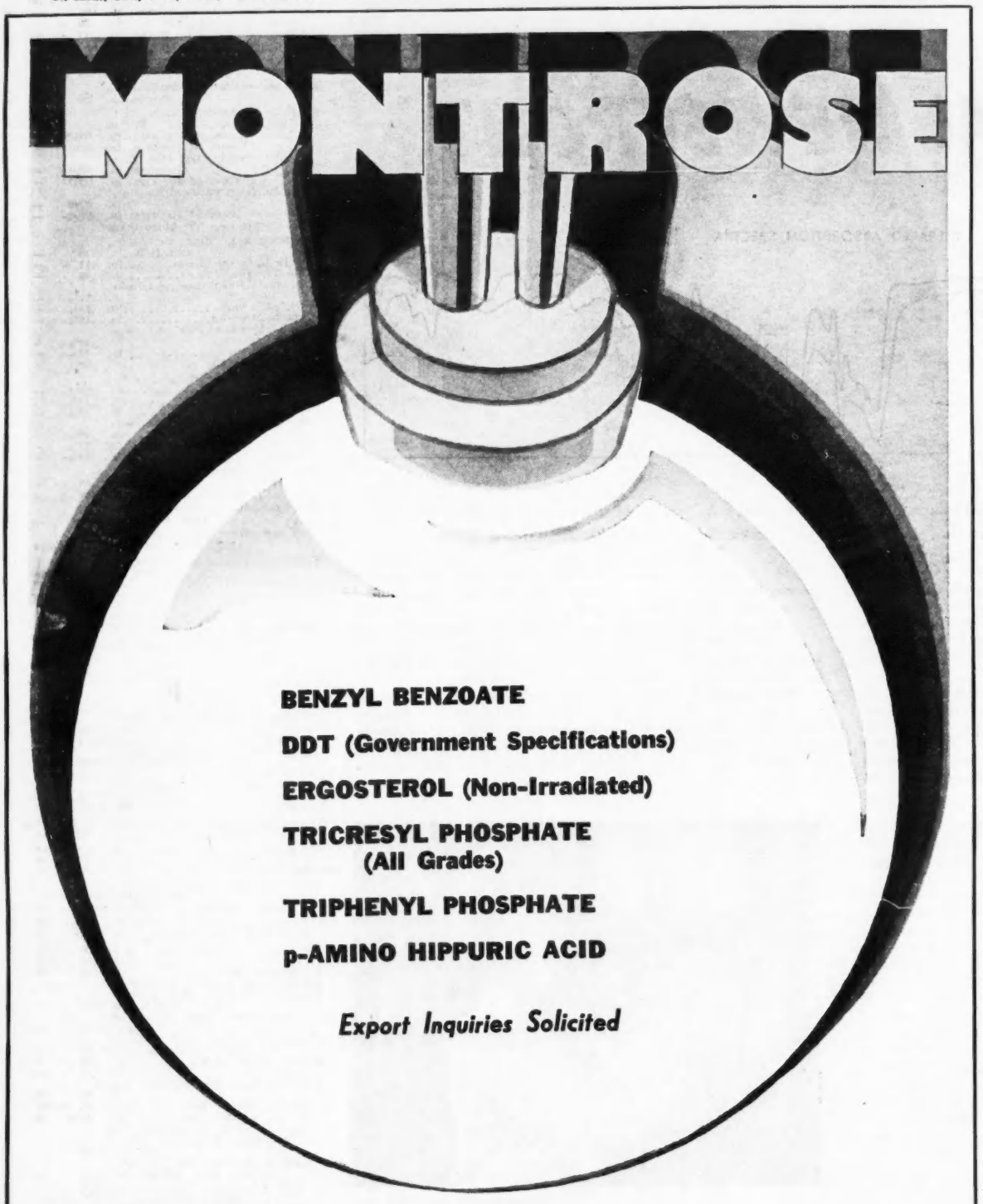
*Trade-Mark Reg. U. S. Pat. Off.

American Cyanamid & Chemical Corporation
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Furfural, ref., dms., c.l., works, lb. .15½- —
  cas., dms., l.c.l., works....lb. .18½- .25½
  tech., dms., c.l., works.....lb. .13 - —
  l.c.l., cas., dms.....lb. .15½- .20½
  tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
  redd., dms., dlvd.....lb. .18½- .19½
Fustic extract, cryst., No. 1, bbls., l.c.l..lb. .35 - —
  No. 1A, bbls., l.c.l.....lb. .34 - —
  No. 2, bbls., l.c.l.....lb. .33 - —
  No. 3, bbls., l.c.l.....lb. .31 - —
  liquid, No. 0, bbls., l.c.l....lb. .19 - —
  No. 1, bbls., l.c.l.....lb. .17½- —
  No. 2, bbls., l.c.l.....lb. .16½- —
  No. 3, bbls., l.c.l.....lb. .14 - —
  solid, No. 1, bxs., l.c.l.....lb. .20½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .24 - .25
Gambier, cube, Singapore, cs..lb. No stocks
  Extract, bbls.....lb. No stocks
Gammapicoline, 95%, dms., c.l., works..lb. 1.35 - —
Gasoline,[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks. gal. .06 - —
  Bayonne, 73-75 oct., tank.gal. .08 - —
  Gulf Coast, 73-75 oct., tanks. gal. .06 - —
  Group 3, 73-75 oct., tanks. gal. .05½- .06
  Pennsylvania, western, US motor, 74 octane, leaded, tanks..gal. .07 - .07¾
  natural, 26/70, Group 3, tanks. gal. .04½- .04¾
Gelatin, silver label, ctns., dlvd. lb. .90 - .97
  export, cs.....lb. 1.00 - —
  Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Geloseium root, bls.....lb. No stocks
Gentian root, bls.....lb. .34 - .35
  grd., bbls., bxs.....lb. .35 - .40
  powd., bbls., bxs.....lb. .39 - .41
Geraniol, 92-96%, cns., dms....lb. No prices
Geranyl acetate, cns.....lb. 3.50 - 3.60
Ginger,[1] African, No. 1, bls...lb. .15 - .15½
  Calicut, Romeo-type, bgs....lb. .16½- .17
  Cochin, bleached, bgs.....lb. .17 - .17½
  unbleached, bgs.....lb. .16¼- .16¾
  Jamaica, No. 1, bgs.....lb. .23 - .23½
  No. 2, bgs.....lb. .21½- .22
  No. 3, bgs.....lb. .17½- .18
  Rhattoon, bgs.....lb. .17 - .17½
Glaubers salt, anhyd. (see Soda sulphate).
  cryst., bgs., bbls., works.... 100 lbs. 1.05 - 1.45
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest. lb. .16 - .23
  30/36, bgs., c.l., same basis..lb. .15½- .22½
  58/82, bgs., c.l., same basis. lb. .17 - .24
  82/108, bgs., c.l., same basis. lb. .18½- .25½
  Bone glue, l.c.l. prices 1c. higher than c.l.
Hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd....lb. .14 - .21½
  122-149, bgs., c.l., dlvd.....lb. .15 - .22½
  150-177, bgs., c.l., dlvd.....lb. .16 - .23½
  178-206, bgs., c.l., dlvd.....lb. .17 - .24½
  207-236, bgs., c.l., dlvd....lb. .18 - .25½
  237-266, bgs., c.l., dlvd....lb. .19 - .26½
  267-298, bgs., c.l., dlvd....lb. .20 - .27½
  299-330, bgs., c.l., dlvd....lb. .21 - .28½
  331-362, bgs., c.l., dlvd....lb. .22 - .29½
  363-394, bgs., c.l., dlvd....lb. .23 - .30½
  395-427, bgs., c.l., dlvd....lb. .24 - .31½
  428-460, bgs., c.l., dlvd....lb. .25 - .32½
Glue, hide, 461-494, bgs., c.l., dlvd..lb. .26 - .33½
  495-529, bgs., c.l., dlvd....lb. .27 - .34½
  Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.
Glycerin, crude, saponification, 88%, to refiners, tanks...lb. .12¾- —
  soaplye, 80%, tanks.....lb. .11½- —
  dynamite, dms., c.l.....lb. .17½- .18¼
  l.c.l. .....lb. .18 - .18¾
  tanks .....lb. .17¼- .18
  high gravity, dms., c.l.....lb. .17½- .18¼
  l.c.l. .....lb. .18 - .18¾
  tanks .....lb. .17¼- .18
  refined, B.P. 96%, dms., c.l..lb. .18¾- —
  l.c.l. .....lb. .19¼- —
  tanks .....lb. .18½- —
  USP, 96%, dms., c.l.....lb. .18¼- —
  l.c.l. .....lb. .18¾- —
  tanks .....lb. .18 - —
  yellow, distilled, dms., c.l..lb. .17¾- —
  l.c.l. .....lb. .18½- —
  tanks .....lb. .17¾- —
Glycine, USP, bbls., tins.....lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
  Stearate, dms.....lb. .26 - —
Gold chloride, acid-brown, bots. oz. 20.75 -21.00
  acid-yellow, bots.....oz. 16.75 -19.00
Gold-soda chloride, photo., bots.. oz. 12.00 - —
  USP IX, bots.....oz. 14.50 -14.75
Goldenseal root, bls.....lb. 8.50 - 8.75
  powd., bxs.....lb. 9.00 - 9.25
Gold of pleasure seed, bgs....lb. No stocks
Grains of paradise, bgs.....lb. .30 - .37
Graphite,[1] dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04½- —
  70-75%, bgs., same basis. lb. .05 - —
  75-80%, bgs., same basis. lb. .05½- —
Graphite, dom., crystalline, 80% through 50 mesh, graphite carbon content, 80-85%, bgs., same basis..lb. .07 - —
  85-90%, bgs., same basis. lb. .07 - —
  90% and up, same basis. lb. .08 - —
Grease, house,[1,7] loose.....lb. .06¼- —
  White, choice, loose.....lb. .06¾- —
  Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, molybdic, bgs., works..lb. 3.25 - —
  tungstic, bgs., works.....lb. 3.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
  15% bbls., same basis...lb. .25 - —
  20%, bbls., same basis...lb. .25½- —
  21-25%, bbls., same basis.lb. .20 - —
  26-30%, bbls., same basis.lb. .26½- —
  31-35%, bbls., same basis.lb. .27½- —
  36-40%, bbls., same basis.lb. .29 - —
  41-45%, bbls., same basis.lb. .30½- —
  46-50%, bbls., same basis.lb. .33 - —
  reduced color, 5%, bbls., same basis..lb. .06¾- —
  9-10%, bbls., same basis.lb. .07½- —
  11-13%, bbls., same basis.lb. .08 - —
  14-16%, bbls., same basis.lb. .08¼- —
  17-19%, bbls., same basis.lb. .08½- —
  20-21%, bbls., same basis.lb. .08¾- —
  22-23%, bbls., same basis.lb. .09 - —
  24-25%, bbls., same basis.lb. .09¼- —
  26-27%, bbls., same basis.lb. .09½- —
  28-29%, bbls., same basis.lb. .10 - —
  30-31%, bbls., same basis.lb. .10½- —
  32-33%, bbls., same basis.lb. .12 - —
  34-35%, bbls., same basis.lb. .13 - —
  36-40%, bbls., same basis.lb. .14 - —
  41-45%, bbls., same basis.lb. .17 - —
  46-50%, bbls., same basis.lb. .17½- —
  51-55%, bbls., same basis.lb. .18 - —
  56-60%, bbls., same basis.lb. .18½- —
  61-65%, bbls., same basis.lb. .19 - —
  70%, bbls., same basis...lb. .20 - —
  71-75%, bbls., same basis.lb. .21 - —
  Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Green, chrome oxide, pure, dms., wks..lb. .24 - —
  Malachite, thioflavin toner, molybdic, bbls., works..lb. 3.00 - —
  tungstic, bbls., works....lb. 3.50 - —
  Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide, bbls., works....lb. .85 - —
  toner, bbls., works.....lb. 4.00 - 5.00
  Paris (see P).
  Tungstated, brilliant, kgs...lb. 3.00 - —
  emerald, kgs.....lb. 2.60 - —
  Verdigris (see V).
Green dyes (see Dyes, coaltar).
Grindelia robusta, bls.....lb. .21 - .22
Guaiac, resin, cs.....lb. .32 - .33
  Wood, bls.....lb. .05 - .06
Guaiacol, liquid, N.F., bots., cbys..lb. 1.60 - 1.86
  Carbonate, dms.....lb. 2.40 - 2.45
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
  l.c.l., works.....lb. .58 - .73¾
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
  Aloe (see A).
  Ammoniac, tears, cs.....lb. .90 - .95
  Arabic, amber, sorts, bgs...lb. .12 - .12½
  white, sorts, 1, bgs.....lb. .28 - .30
  Asafetida (see A).
  Asphaltum (see A).
  Benzoin, artificial cns.....lb. 1.75 - 2.35
  Siam, cns.....lb. 3.00 - 3.50
  Sumatra, cs.....lb. .52 - 1.00
  Camphor (see C).
Copal, Congo (former dollar-and-cent ceilings revoked Feb. 2. New ceiling prices are to be based on prices to be paid by importers in the Belgian Congo plus landed costs, as determined by a formula under import regulation).
  East India,[1] Batu, bold, scraped, c.l., same basis.lb. .10½- —
  unscraped, same basis.lb. .09 - —
  chips, same basis...lb. .12 - —
  dust, same basis...lb. .06½- —
  nubs and chips, same basis..lb. .05¾- —
  pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
  chips, same basis....lb. .11½- —
  dust, same basis...lb. .05½- —
  nubs, same basis...lb. .13¾- —
  Singapore, Rasak, bold, bgs., same basis..lb. .29¾- —
  chips, same basis...lb. .11¾- —
  dust, same basis. .lb. .05½- —
  nubs, same basis...lb. .16¾- —
  Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
  MA, same basis.....lb. .09¾- —
  MB, same basis.....lb. .09¼- —
  WS, bgs., same basis....lb. .11¾- —
  Manila, Bocas,[1] hard, bold, amber, light, bakts., c.l., same basis..lb. .13½- —
  dark, light, same basis..lb. .14½- —
  white, same basis.....lb. .15½- —
  Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
  B, same basis.....lb. .13¾- —
  C, same basis.....lb. .13¾- —
  CBB, same basis.....lb. .12 - —



MONTROSE Chemical Company
LISTER AVENUE, NEWARK, NEW JERSEY
SELLING AGENTS R. W. GREEFF & CO., INC. 10 ROCKEFELLER PLAZA, NEW YORK, N. Y. TRIBUNE TOWER, CHICAGO, ILLINOIS

OPD—2-4-1946 19

Cortez and the meteors

WHEN Cortez conquered Mexico, the Aztecs told him that they obtained their iron from heaven.

Cortez, of course, was incredulous and assumed that the Aztecs extracted iron from the ore. He discovered later, however, that they were completely ignorant of any method of extraction.

Actually, the Aztecs had told the truth. Their iron was not of terrestrial origin—but was of meteoric origin!

Modern research has shown that almost the oniy occurrences of metallic iron are as minute specula disseminated through basaltic rocks. In combination, it occurs in most natural waters, in plants, and as a constituent of blood. The variation of physical properties which attends on heating iron led to the view that it exists in allotropic forms. This has been proved by X-ray analysis.

Since 1867, every iron compound bearing the Mallinckrodt trade mark has been manufactured in strict conformity with Mallinckrodt's tradition of fine chemicals. **For iron compounds of uniformity and dependability, specify Mallinckrodt Iron Chloride, Citrate, Iodide, Nitrate, Oxide, Pyrophosphate, Phosphate, Subsulfate, Sulfate, Iron & Ammonium Citrate (Brown & Green), etc.**

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79 Years of Service to Chemical Users

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CHICAGO • PHILADELPHIA • LOS ANGELES • MONTREAL

UNIFORM • DEPENDABLE • PURITY

Gum, copal, Manila, Loba, CNE, same basis..lb. .10 - —
D, same basis.....lb. .12½- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08½- —
dust, same basis.....lb. .07½- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¼- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis..lb. .15¼- —
dust, same basis.....lb. .07½- —
whse., entry point, c.l...lb. .06½- —
Philippine,[1] Manila, extra bold and bold, pale, scraped, bskts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis..lb. .13¾- —
seeds, dust same basis....lb. .06½- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11½- —
c.l., same basis..lb. .23½- —
Pontianak, bld., scraped, bgs., mixed, same basis..lb. .17½- —
chips, small, same basis..lb. .12½- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .35½- —
A/C, same basis.....lb. .31½- —
A/D, same basis.....lb. .29½- —
A/E, same basis.....lb. .25½- —
B, same basis.....lb. .34½- —
C, same basis.....lb. .25½- —
D, same basis.....lb. .25½- —
E, same basis.....lb. .18½- —
F, same basis.....lb. .13½- —
dust, same basis.....lb. .13½- —

Gum, dammar, Singapore,[1] No. 1, c.a., c.l..lb. .30½- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12½- —
chips, ca., same basis....lb. .23½- —
dust, bgs., same basis...lb. .13 - —
seeds, ca., same basis....lb. .17¼- —
Gum, dammar, l.c.l., prices ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09¾
Ester,[1] gum-rosin, type, dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1300- —
l.c.l., dlvd., Ill., etc.....lb. .1325- —
other points, same basis. lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gamboge, pipes, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis...lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis...lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —

Gum, kauri, bush, assorted, same basis..lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
dust, pale, same basis...lb. .20¾- —
extra, same basis..lb. .25½- —
No. 1, same basis.....lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .20 - —
Superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .50 - .60
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .48 - .50
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .21 - .26
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .97½- .99½
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 3.80 - 3.90
No. 2, cs.....lb. 2.75 - 3.30
No. 3, cs.....lb. 2.15 - 2.60
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —

Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.30.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.30.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald. ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich., Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard ,Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y.; works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 6, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .32 - —
No. 5, bbls., l.c.l.....lb. .30 - —
paste, No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.35 - 1.50
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .23
Heptane,[1] industrial grade, 50°-100° C., dms., c.l., Group 3, gal. .12¼- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.15.00 -25.00
Hoofmeal, 17-18% ammonia, bulk, c.l., Chicago.... unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .08¾- .04
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 5.75 - 5.80
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.39.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l.....lb. .30 - —
Hyssop, bgs.....lb. 1.25 - 1.50

I

Iceland moss, bgs.....lb. .50 - .52
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.19.50 -22.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.07 - —
150-lb. kgs.....lb. 1.23½- —
resubl., 6-lb. bots., jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.85 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 6.00 - 9.00
Methyl, bot.....lb. 6.25 -12.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50

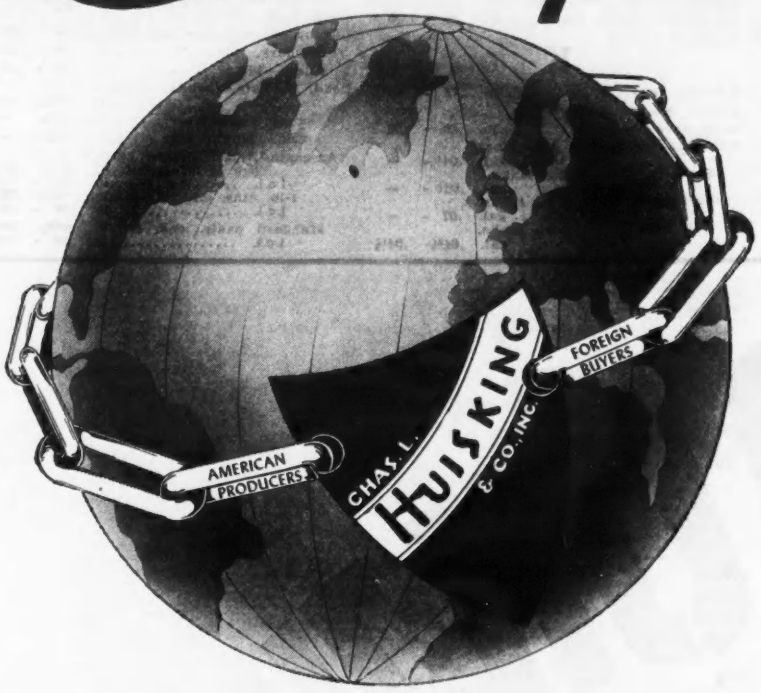
"A BEAR FOR PUNISHMENT"

The Sheffalloy *Sheffield Process* Tube is developed to a degree of pliable toughness which we believe has never been equalled in the history of Collapsible Tube Manufacture. It is indeed "a bear for punishment" . . resisting hard-handed bending, folding and squeezing day after day, until the last portion is used! It's that *extra* product protection, plus the unusual excellence of our decorations that causes so many of America's leading tube buyers to specify SHEFFALLOY *Sheffield Process* Tubes. Just write or call our nearest office. Let our capable collapsible tube field men give you every possible cooperation.

Sheffalloy TRADE MARK REGISTERED
SHEFFIELD PROCESS TUBES

NEW ENGLAND COLLAPSIBLE TUBE CO.
3132 S. CANAL STREET, CHICAGO 16 • NEW LONDON, CONN. • W. K. SHEFFIELD, V. P., 500 FIFTH AVENUE, NEW YORK 18
THE WILCO COMPANY, 6800 McKINLEY AVE., LOS ANGELES 1

THE *Strong* LINK



THROUGH TWO WARS, through prosperous and depression periods, we have served advantageously both Foreign Buyers and American Producers and Suppliers of DRUGS, PHARMACEUTICAL and INDUSTRIAL CHEMICALS, OILS, VITAMINS, PROPRIETARY PREPARATIONS, RAW MATERIALS, etc.

THIRTY-SIX YEARS of experience. We have the needed knowledge, "know-how", and connections. This is fully recognized by many Leading American Manufacturers, whose products we export on an exclusive basis; by the Principal Houses in Foreign Countries operating through us as their Buying Agents in the American Market for decades. These Leading Firms in their respective countries may be found in LATIN AMERICA, AUSTRALIA, NEW ZEALAND, SOUTH AFRICA, CHINA, INDIA, EGYPT, PALESTINE, ENGLAND, BRITISH COLONIES, ICELAND, PORTUGAL, SCANDINAVIAN COUNTRIES, and other countries.

THE SECOND WORLD WAR with its dislocations, scarcities, delays, and necessary "Red Tape" is over. We are all grateful. Yet, supply difficulties and restrictions of many kinds will remain with us for quite some time. A skillful, experienced, established organization will bring you advantages otherwise unobtainable and is ready to serve you.

●

CHAS. L. HUISKING & CO., Inc.

155 VARICK STREET, NEW YORK 13, N. Y.

CABLE ADDRESS: HUISKING, NEW YORK

CHICAGO OFFICE: 561 E. ILLINOIS ST.

1910-1946

AFFILIATED HOUSES

PETER DEVOLD OIL CO., INC.
(Cod Liver Oil, Vitamin Oils)

SANTONINE CO. OF AMERICA
(Santonin, Alkaloids)

LONDON REPRESENTATIVE

WHEELER & HUISKING, LTD.
26 Great Tower Street
London E. C. 3, England

Iron acetate, liquer, bbls., c.l., dlvd.	lb.	.17 - —
l.c.l., dlvd.	lb.	.18 - —
solut., USP IX, 100-lb. cbys.	lb.	.17 - —
50-lb. djns.	lb.	.18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works	100 lbs.	4.90 - 5.25
l.c.l., works	100 lbs.	6.50 - 6.85
cryst., tech., bbls., works, frt. alld.	100 lbs.	6.00 - 6.00
USP X, lump, bbls.	lb.	.07 - .08½
solut., 42 Be, cbys., works, frt. alld. or equald	lb.	.06½- .06
djns., same basis	lb.	.10 - —
Citrate, USP VIII, gran., dms.,	lb.	.70 - .75
powd., cns.	lb.	.84 - .87
Glycerophosphate, bbls.	lb.	3.40 - 3.52
Hypophosphite, bbls., dms.	lb.	1.50 - 1.52
Iodide, bots.	lb.	3.18 - 3.32
Naphthenate, 6% Fe, 50-gal. dms.	lb.	.15 - —
Nitrate, red., tech., dms.	lb.	.08½- .04
Oxalate, gran., dms.	lb.	.83 - .85
powd., cns.	lb.	.52 - —
kgs.	lb.	.47 - .49
Phosphate, soluble, NF, gran., cns.	lb.	.54 - .57
Pyrophosphate, gran., cns.	lb.	.59 - .62
Reduced, 90%, kgs.	lb.	.65 - .75
Resinate, 7.4% Fe, 100-lb. dms.	lb.	.17½- —
Sulphate, tech. (see Copperas, and Ferric sulphate).		
USP, cryst., bbls., dms.	lb.	.06½- .11
Tallate, 4% Fe, 50-gal. dms.	lb.	.10½- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.	lb.	.33 - .38
scale, dms.	lb.	.49 - .52
Oxalate, bbls.	lb.	.23½- —
dms., kgs.	lb.	.25½- .26½
Iron-soda oxalate, bbls., dms.	lb.	.23½- .26½
Isobornyl acetate, cns., works.	lb.	.85 - .95
Propionate, dms., works.	lb.	No prices
Isoeugenol, cns., works	lb.	3.75 - 4.25
Isopentane, dms., works	lb.	.45 - .55
Isophorone, dms., c.l., works	lb.	.21 - —
l.c.l., works	lb.	.22 - —
tanks, works	lb.	.20 - —
Isopropanol (see Alcohol, isopropyl).		
Isopropyl acetate, dms., c.l., S. of Rockies, frt. alld.	lb.	.11 - —
l.c.l. E. of Rockies, same basis	lb.	.11½- .12
tanks, E. of Rockies, same basis	lb.	.10 - —
Alcohol (see Alcohol, isopropyl).		
Ether, dms., c.l., dlvd.	lb.	.06 - —
l.c.l.	lb.	.06½- —
tanks, dlvd.	lb.	.04½- —
Isopropylamine, dms., works	lb.	.35 - —

J

Jaborandi leaves, bls.	lb.	.09 - .10
Jalap root, NF, bls.	lb.	.32 - .33
powd., bbls., bxs.	lb.	.38 - .39
Resin, lump, cns.	lb.	5.85 - —
powd., bxs.	lb.	5.90 - —
Juniper berries, dom., bgs.	lb.	.45 - .60
Juniper tar, USP, dms.	lb.	.95 - 1.00

K

Kalama, cns.	lb.	.45 - .46
Kaolin (see China clay).		
Kava kava root, bls.	lb.	.35 - .36
Kerosene, at refinery: Ark., 42-44 w.w., tanks.	gal.	.04½- —
Bayonne, 41-43 w.w., tanks.	gal.	.031 - —
California, 40-43 w.w., tanks,	gal.	.07 - —
Gulf ports, 41-43 w.w., tanks,	gal.	.04½- .04½
Kerosene, at refinery, Okla.-Tex., 41-43 w.w., tanks.	gal.	.04½- —
Penn., 45 w.w., tanks.	gal.	.0625- .0655
47 w.w., tanks.	gal.	.0625- —
Kola nuts, bgs.	lb.	.09 - .10
Kyanite,[1] imp., low iron content, 10-mesh, whse.	ton.	85.00 -95.00
calcined, grain, 10-mesh, whse.	ton.	95.00 -105.00

L

Ladyslipper root, bls.	lb.	1.35 - 1.40
Lanolin (see Adeps lanae).		
Lard,[1,7] pure, ref. trcs.	lb.	.15 23½- —
prime steam, trcs.	lb.	.14 49- —
Larkspur seed, bgs.	lb.	1.10 - 1.15
Laurel berries, bls.	lb.	.25 - .30
Leaves, Cyprus, bls.	lb.	.23½- .25½
Greek, bls.	lb.	No stocks
Portuguese, bls.	lb.	.14½- .15
Turkish, bls.	lb.	.17 - .17½
Lavender flowers, medium, bls.	lb.	.75 - .80
ordinary, bls.	lb.	.49 - .60
select, bls.	lb.	.90 - .95
Lead, acetate,[1] white, broken, bbls.	lb.	.12½- —
cryst., bbls.	lb.	.12½- —
gran., powd., bbls.	lb.	.13½- —
Arsenate,[1,6] basic powder, 3-lb. bgs. or larger, c.l.	lb.	.11½- .12
l.c.l.	lb.	.12 - .12½
1-lb. ctns. c.l.	lb.	.12½- .22½
l.c.l.	lb.	.19 - .22
standard paste, cns. c.l.	lb.	.05½- .06
l.c.l.	lb.	.06 - .06½
Lead arsenate, standard, powder, 2-lb. bgs. or larger, c.l.	lb.	.11 - .11½
1-lb. bgs., c.l.	lb.	.16 - .20
l.c.l.	lb.	.16½ - .20½
1-lb. ctns., c.l.	lb.	.18 - .20
l.c.l.	lb.	.18½ - .22½
½-lb. ctns., c.l.	lb.	.21 - .23
¼-lb. ctns., l.c.l.	lb.	.21½ - .23½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07½- —
l.c.l., dlvd. E.	lb.	.07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08 - —
Carbonate (see Lead, white).		
Chloride, fib. dms.	lb.	.40 - —
Iodide, NF V. bots.	lb.	2.80 - —
jars	lb.	2.60 - —
Linoleate, pale, precip., bbls.	lb.	.22½- —
Metal,[1,8] (see Protective Coatings Materials market).		
Metallic paste, dms., works.	lb.	No stocks
Naphthenate, 24%-30%, Pb.	lb.	.14½- .17½
Nitrate, bbls.	lb.	.12½- —
Oleate, bbls.	lb.	.17½- —
Peroxide, powd., tech., bbls.	lb.	.22 - .23
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09½- —
other points.	lb.	.09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash.	lb.	.09½- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.10½- —
Colo., Mont., N. Mex., Wyo.	lb.	.10 - —
other points.	lb.	.09½- —
smaller lots, Ala., etc.	lb.	.09½- —
Ariz., etc.	lb.	.10½- —
Colo., etc.	lb.	.10½- —
other points.	lb.	.10 - —
in oil, kgs.	lb.	.14 - —
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc.	lb.	.09½- —
other points.	lb.	.09½- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10 - —
Ariz., etc.	lb.	.10½- —
Colo., etc.	lb.	.10½- —
other points.	lb.	.09½- —
smaller lots, dlvd. Ala.,	lb.	.10½- —
Ariz., etc.	lb.	.11 - —
Colo., etc.	lb.	.10½- —
other points.	lb.	.10½- —
80%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc.	lb.	.09½- —
other points.	lb.	.09½- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10½- —
Ariz., etc.	lb.	.10½- —
Colo., etc.	lb.	.10½- —
other points.	lb.	.10 - —
smaller lots, dlvd. Ala., etc.	lb.	.10½- —
Ariz., etc.	lb.	.11½- —
Colo., etc.	lb.	.11 - —
other points.	lb.	.10½- —
Resinate, precip., 2.5-3.5% Pb., dms.	lb.	.17½- —
Silicate, bgs.	lb.	.07.80- .0780
Soyate, 26.15% Pb., dms.	lb.	.22½- —
Stearate, bbls.	lb.	.81 - .83
Sulphate (see Lead, blue; Lead, white, basic sulphate).		
Tallate, 10% Pb. dms.	lb.	.06½- —
Titanate, bgs., bbls., c.l., works, frt. alld.	lb.	.11 - —
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.11½- —
Pac. Cst., ex whse.	lb.	.11½- —
smaller lots, E. frt. alld.	lb.	.11½- —
Pac. Cst., ex whse.	lb.	.11½- —
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo.	lb.	.08½- —
dlvd. other points.	lb.	.08½- —
l.c.l., dlvd. Ariz., etc.	lb.	.08½- —
other points.	lb.	.08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc.	lb.	.07½- —
other points.	lb.	.07½- —
l.c.l., dlvd. Ariz., etc.	lb.	.08 - —
other points.	lb.	.07½- —
in oil, consumers, kgs.	lb.	.10½- .20½
painters, kgs.	lb.	.12½- .19½
Lecithin, edible, dms., c.l.	lb.	.25½- —
l.c.l.	lb.	.26½- .60
in cocoa butter, dms., c.l.	lb.	.35½- —
l.c.l.	lb.	.40½- .80
tech., dms., c.l.	lb.	.25½- —
l.c.l.	lb.	.26½- .45
vegetable, pure, bots, 100 lbs.	lb.	2.75 - —
Lemon peel, bls.	lb.	.20 - .22
Licorice extract, mass, cns.	lb.	.25 - .75
powd., bbls.	lb.	.60 - .62
Root, Indian, bls.	lb.	.12 - .14
powder, bbls.	lb.	.12 - .22
Russian, bls.	lb.	.12 - .12
Spanish, bls.	lb.	.12 - .12
Turkish, bls.	lb.	.12 - .16
Lignin extract, tanning grade, bgs., c.l., works.	lb.	.04 - —
Lime, chemical (quicklime) lump, pebble, Adams, Mass.	ton.	8.00 - —
Annville, Pa.	ton.	7.50 - —
Bellefonte, Pa.	ton.	7.50 - —
Berkeley, W. Va.	ton.	7.60 - —
Buffalo, N. Y.	ton.	6.25 - —
Carey, Ohio.	ton.	7.00 - —
Cedar Hollow, Pa.	ton.	8.50 - —
Crab Orchard, Tenn.	ton.	6.90 - —
Eagle Mountain, Va.	ton.	7.65 - —
Farnams, Mass.	ton.	8.00 - —
Gibsonburg, Ohio.	ton.	7.50 - —
Hannibal, Mo.	ton.	6.50 - —
Keystone, Ala.	ton.	6.90 - —
Knoxville, Tenn.	ton.	6.90 - —
Limedale, Ark.	ton.	7.00 - —
Longview, Ala.	ton.	6.90 - —
Manistique, Mich.	ton.	8.00 - —
Marblehead, Ohio.	ton.	7.50 - —
Martinsburg, W. Va.	ton.	7.50 - —
Menominee, Mich.	ton.	8.00 - —
Mitchell, Ind.	ton.	6.50 - —
Newala, Ala.	ton.	6.90 - —
Ripplemead, Va.	ton.	7.65 - —
Riverton, Va.	ton.	7.65 - —
Rockland, Maine.	ton.	8.00 - —

710 OIL 710 OIL 710 OIL 710 OIL

Makes

Tack-Free Varnishes

that are Hard yet Tough

710 OIL—the "activated" pure linseed oil—bodies rapidly and safely to produce varnishes which yield tack-free films that are both hard and tough.

710 OIL varnish films give Sward Rocker test results which place them in a hardness class with varnishes made from maleated oils. They are not as hard as tung oil or oiticica oil films, but they are much harder than normal linseed oil varnish or other oil varnish films.

710 OIL varnish films, while exhibiting good hardness, have Kauri Reduction values comparable to those of varnishes made from the softer oils.

710 OIL varnishes dry rapidly. On the average, properly processed and formulated *710 OIL* varnishes will "set to touch" in 2 hours, "dry to touch" in 5 hours and dry hard and tack-free to meet Federal Specification TT-V-121a.

710 OIL, when properly treated, yields varnishes suitable for a variety of uses, including spar, blending and reinforcing varnishes. It is exceptionally well suited for use in porch and deck paint vehicles.

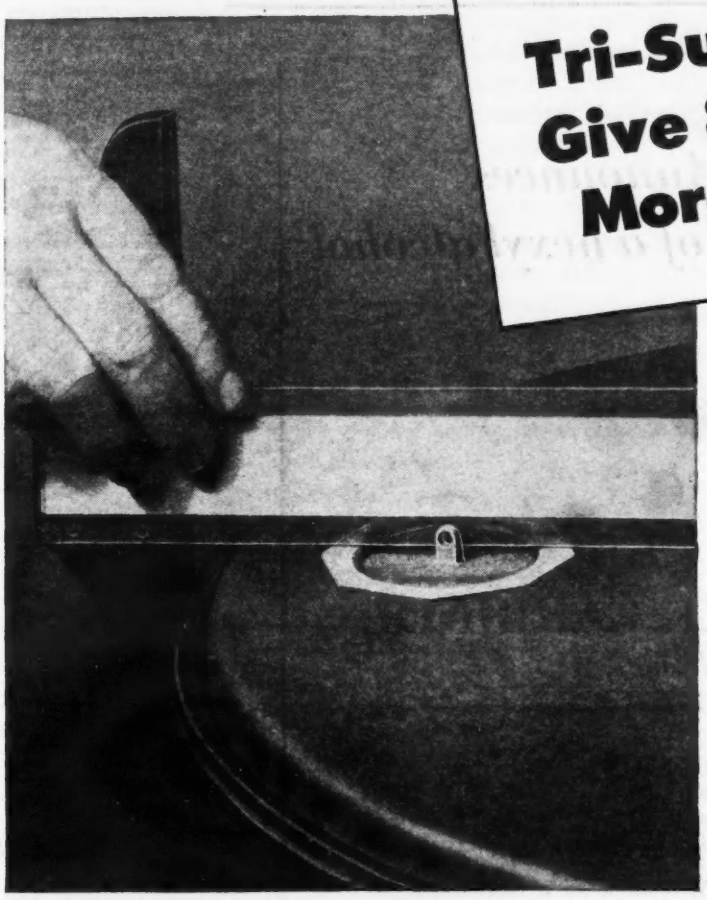
Our technical staff will be glad to furnish you any further information about 710 OIL, supply you samples and consult with you on uses in your formulations.

NATIONAL LEAD COMPANY

New York 6, Buffalo 3, Chicago 80, Cincinnati 3, Cleveland 13, St. Louis 1, San Francisco 10, Boston 6 (National-Boston Lead Co.); Pittsburgh 30 (National Lead & Oil Co. of Penna.); Philadelphia 7 (John T. Lewis & Bros. Co.).

DRAINAGE TESTS *prove*

Tri-Sure Closures Give 8.34 Ounces More Per Drum



Photograph of T-square placed across the closure fitted in the drum clearly shows the flush fitting of the flange which allows complete drainage.

ONE of the major oil companies recently made exhaustive tests to determine the efficiency of drum closures from the standpoint of drainage.

Tri-Sure and other types of closures were tested in 55 gallon drums under identical conditions. After draining the contents (Lube Oil) from the drums only 3.38 fluid ounces remained in those fitted with Tri-Sure Closures, the average contents remaining in all other drums being 11.72 fluid ozs.

Benefit to users of Tri-Sure fitted drums — 8.34 fluid ounces — the equivalent of more than 600 gallons in every 10,000 drum shipment.

In addition, drums sealed with Tri-Sure Closures assure protection from leakage, seepage, tampering, substitution and breathing.

Tri-Sure
Reg. U. S. Pat. Off.
CLOSURES

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
TRI-SURE PRODUCTS LIMITED, ST. CATHARINES, ONTARIO, CANADA

Lime, chemical (quicklime), lump, pebble, Scioto, Ohio..ton. 6.50 - —
Sherwood, Tenn.....ton. 6.90 - —
Sherwood, Wisc.....ton. 8.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa.....ton. 7.50 - —
Hydrated, Adams, Mass....ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkeley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa.....ton.10.00 - —
Crab Orchard, Tenn...ton. 9.65 - —
Eagle Mountain, Va...ton. 9.15 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio.....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton.10.65 - —
Knoxville, Tenn.....ton. 9.65 - —
LeRoy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich.....ton. 9.50 - —
Marblehead, Ohio.....ton. 9.50 - —
Martinsburg, W. Va...ton. 9.00 - —
Menominee, Mich.....ton.
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.65 - —
Petoskey, Mich.....ton. 9.00 - —
Port Island, Mich.....ton. 9.00 - —
Rapid City, S. Dak...ton.12.00 - —
Ripplemead, Va.....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Tenn.....ton.10.65 - —
Sherwood, Wisc.....ton.10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 9.00 - —

Lime, spray, paper bgs., Adams, Mass..ton.10.00 - —
Annville, Pa.....ton.10.00 - —
Bellefonte, Pa.....ton.10.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio.....ton.10.00 - —
Marblehead, Ohio.....ton.10.00 - —
Rockland, Maine.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.10.00 - —
York, Pa.....ton.10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[6] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns.....lb. 7.75 - 7.80
Linalyl acetate, ex lignaloe wood, bots..lb. 7.75 - 8.40
ex petitgrain, bots.....lb. 8.75 - 8.90
Linden flowers with leaves, bls., lb. .85 - .90
Linseed meal,[1,7] 34%, bulk, c.l. ton.45.00 - —
32%, bulk, c.l.....ton.42.00 - —
Litharge, com'l, powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —

Litharge, com'l, powd., bbls., l.c.l., 5 tons, divd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .08 - —
other points.....lb. .08½- —
smaller lots, divd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
Lithium carbonate, NF, bbls., kgs..lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.66
Hydroxide, jars.....lb. 1.25 - 1.46
Iodide, bots.....lb. 5.20 - —
jars.....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —
Lithopone,[1] ordinary, bgs., c.l. (30 tons)..lb. .04¼- —
L.c.l.....lb. .04½- —
bbls., c.l.....lb. .04½- —
l.c.l.....lb. .04¾- —
titanated, (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., divd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort, leaves, bls.....lb. .65 - .66
Lobelia herb, bls.....lb. 1.10 - 1.15
Lobeline sulphate, bots., wks..oz.25.50 -33.00

Logwood extract, crystals, No. 1, bbls., l.c.l..lb. .34 - —
No. 2, bbls., l.c.l.....lb. .32 - —
liquid, No. 1, bbls., c.l....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l....lb. .28 - —
No. 2, bxs., l.c.l.....lb. .26 - —
bbls., c.l., Zone 1.....lb. .09½- —
No. 4, bxs., l.c.l.....lb. .23 - —
No. 3, bxs., l.c.l.....lb. .23½- —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .20½- .44½
Lovage root, American (ligusticum actae folium), bls..lb. 1.20 - 1.50
Lupulin, NF, tin.....lb.12.75 -13.00
Lycopodium, USP, cs.....lb. 1.75 - 2.00

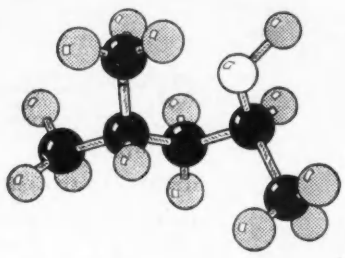
M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .96 Nom.
West Indian, bgs.....lb. .82 Nom.
No. 1, bgs.....lb. .80 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1] dms.....lb. .153 - .16
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1..lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone. 1.....lb. .10¾- —

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., divd..lb. .12¾- —
flake, bbls., c.l., works....ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .53 - .55
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.33.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride, dms., c.l....lb. .25 - —
l.c.l.....lb. .28 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.25 - 1.30
Leaves, bls.....lb. .43 - .44
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .33 - .34
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .10 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84%-87%, bbls., 22-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
85-90%, burlap bgs., c.l., works..ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., divd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars.....lb. 5.55 - —
Linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer grade, 65%, bgs., c.l., divd. East..ton.59.50 - —
l.c.l., same basis, or Balto. or Cincinnati...ton.63.50 - —
industrial grade, 80%, bgs..lb. .05 - .05½
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,8] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.63.00 -64.00
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[6] com'l, bbls., works.lb. .35 - .40
reagent, cs. or multiples, works..lb. .85 - —
Marjoram, Argentine, bls.....lb. .14 Nom
California, French type, new crop, bls., Pacific Coast..lb. .34 - .35
Chilean, bls.....lb. .13½- .14
Matico leaves, bls.....lb. .22 - .24
Menadione, USP, bots.....gram. .10 - —
Menthol, natural, USP, cns...lb. 4.40 - 4.50
synthetic, tech., cns.....lb. No prices
USP, laevo, cns.....lb. No prices
racemic, cns.....lb. 4.00 - 4.65
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.30 - —
50%, pails.....lb. 1.88 - 1.99
Mercury bichromate[3] (see Corrosive sublimate).
Bisulphate, dms.....lb. 2.59 - 2.61
Chloride (see Calomel).
Cyanide, cryst., powd.....lb. 3.86 - —
Iodide, red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs....lb. 4.35 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk, dms.....lb. 1.66 -1.76
Mesityl oxide, dms., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
tanks, divd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅛x3⅛ in.....pkg. 3.00 - —

Shell Chemical Announces commercial production of a hexyl alcohol



METHYL ISOBUTYL CARBINOL

(Methyl Amyl Alcohol)

MIBC IS USEFUL AS:

Medium-Boiling Latent Solvent in nitrocellulose lacquers — contributes good blush resistance, gloss, flow, and leveling in cold spray, brushing, and hot spray lacquers. Allows use of larger quantities of low-boiling alcohols in lacquer or lacquer thinner formulas, while retaining good blush resistance.

Medium-Boiling Nitrocellulose Lacquer Solvent (in combination with methyl isobutyl ketone)—gives high toluene dilution ratio . . . excellent blush resistance . . . low viscosity especially valuable in high solids lacquer formulations.

Resin Solvent for phenolic type baking finishes—low water solubility of MIBC lessens dehydration of gelatin rolls used in roller coating application.

Alcohol Portion of a Solvent for synthetic alkyd and urea-formaldehyde baking finishes—small portions in conjunction with aromatic petroleum diluents yield solutions of low viscosity. Low evaporation rate of MIBC tends to eliminate bubbling during baking of finishes.

Frother (with other materials) in flotation recovery of certain copper ores.

Methyl Isobutyl Carbinol is available in compartment or straight tank car shipments

For more detailed information on the applications, properties, and specifications, write for Technical Bulletin #SCC: 46-1

SHELL CHEMICAL CORPORATION

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OPD—2-4-1946

HERE ARE THE BASIC MATERIALS YOU NEED...NOW!

GOVERNMENT-OWNED WAR SURPLUS

Chemicals

SPECIAL NAPALM THICKENER

Mixture of Oleic, Napthenic, and Cocoanut Fatty Acids, representing a metallic soap compound. 971,850 lbs., Denver, Colorado. 216,200 lbs., Birmingham, Alabama. Packed in drums, price $.10 per lb. in carload lots and $.12 per lb. l.c.l.

One of the most important of the Surplus Disposal jobs assigned to the War Assets Corporation, a subsidiary of RFC, is the selling . . . *now* . . . of a large and varied stock of Surplus Chemicals. These chemicals represent a tremendous Government investment, but *they are priced for quick sale and represent real values to industrial users!*

Because of space limitations, only a few of the major items are offered in this advertisement. If you are interested in any of the items offered here, write, wire or telephone the RFC Agency Office listed below, where the stock is located. Act quickly! All items offered are F. O. B. Location. Credit terms may be arranged.

VETERANS: To help you exercise your priority, special veteran service facilities are now available at our offices.

CHECK THIS LIST FOR YOUR NEEDS

and have your name placed on our regular mailing list by mailing the attached coupon.

CHECK AND MAIL TODAY!

To War Assets Corporation:

Please send me further information on the following products:

- ☐ Glacial Acetic Acid, CP, 10,067 gallons in one-gallon bottles, San Francisco, Calif., price $1.00 per gal.
- ☐ Glacial Acetic Acid, CP, 1,416 gallons in one-gallon bottles, Portland, Oregon, price $1.00 per gal.
- ☐ Bakelite Rods and Sheets, large quantities, various sizes and dimensions, Philadelphia, Pa.
- ☐ Copper Napthenate, 28,212 lbs., 8% solution, in drums, Cleveland, Ohio, price $.12 per lb.
- ☐ Copper Napthenate, 22,220 lbs., 8% solution, in drums, Nashville, Tennessee, price $.12 per lb.
- ☐ Copper Napthenate, 10,037 lbs., 8% solution, metal drums, Charlotte, N. Carolina, price $.12 per lb.
- ☐ Copper Napthenate, 6,613 lbs., 8% solution, in drums, Birmingham, Ala., price $.12 per lb.
- ☐ Sodium Sulphite, 492,000 lbs., 100-lb. bags, Nashville, Tenn., price $30.00 per ton.
- ☐ Manganous Chloride, 100 short tons, in bulk, Salt Lake City, Utah, price $50.00 per ton.

Firm.....

Street.....

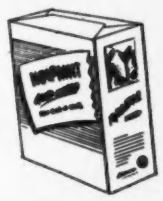
City.....State.....

(155-1)

Contact your nearest RFC Agency Office listed below for information, regarding *all* surplus materials. If your local RFC office does not have all the materials you need, it will endeavor to locate them from other offices throughout the country.

PAINTS

PROTEIN BINDER COLD WATER CAMOUFLAGE PAINT, TYPE I



Specification: ES-T-1093
Colors: Burnt Sienna, Burnt Umber, Deep Green, Blue, Chrome Oxide Green, Iron Oxide Red, Earth Red
Packed in 5 pound cartons
Richmond, Virginia
Price: 2¢ per pound

OLEORESINOUS (EMULSIFIABLE) CAMOUFLAGE PAINT

Specification: T-1279
Colors: Olive Drab
Packed in 5 gallon containers
San Francisco, California
Price: 65¢ per gallon
Minimum sale: 200 gallons

OIL TYPE READY MIXED CAMOUFLAGE PAINT

Specification: T-1215
Colors: Olive Drab, Loam, Earth Brown, Field Drab, Earth Red, Dark Green
Packed mostly in 5 gallon containers
San Francisco, California
Price: 65¢ per gallon
Minimum sale: 200 gallons of any one color

CAMOUFLAGE LACQUER

Specification: M-485 & M-485 C. Colors: Light Gray & Blue Gray
Packed in 5 gallon containers
Philadelphia, Penna.
Price: 50¢ per gallon

LACQUER DOPE

Specification: 3-109-E
Color: Olive Drab
Packed in 30 gallon drums
Chicago, Illinois
Price: 50¢ per gallon

A DISPOSAL AGENCY DESIGNATED BY THE SURPLUS PROPERTY ADMINISTRATION for Surplus Producers' and Capital Goods, Aircraft and Plants formerly handled by Reconstruction Finance Corporation . . . and for Surplus Consumer Goods formerly handled by United States Department of Commerce.

WAR ASSETS CORPORATION

(A SUBSIDIARY OF RECONSTRUCTION FINANCE CORPORATION)

RFC OFFICES (INCLUDING FORMER DEPARTMENT OF COMMERCE REGIONAL SURPLUS PROPERTY OFFICES) LOCATED AT: Atlanta • Boston • Chicago • Denver • Kansas City, Mo. • New York • Philadelphia • San Francisco • Seattle • OTHER RFC SURPLUS PROPERTY OFFICES LOCATED AT: Birmingham • Charlotte • Cleveland • Dallas • Detroit • Helena • Houston • Jacksonville • Little Rock • Los Angeles • Louisville • Minneapolis • Nashville • New Orleans • Oklahoma City • Omaha • Portland, Ore. • Richmond • St. Louis • Salt Lake City • San Antonio • Spokane • OTHER FORMER DEPARTMENT OF COMMERCE REGIONAL SURPLUS PROPERTY OFFICES LOCATED AT: Cincinnati and Fort Worth

Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R., gal. .65 - —
l.c.l., same basis.....gal. .73 - —
tanks, same basis.....gal. .69 - —
Inside prices on natural methanol W. of Miss. R., 3c. higher.
Synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .09½- —
10 dms., dlvd.....lb. .09¾- —
1-9 dms., dlvd.....lb. .10¾- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .12 - .15½
10 dms.....lb. .13½- .16¾
1-9 dms.....lb. .14½- .17¾
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .80½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis....gal. .60 - —
Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .86 - —

Methyl acetone, nat., group B, tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —
Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.20 - 2.35
Benzoate, cns.....lb. .48 - —

Methyl bromide, cns.....lb. .75 - .80
cyls. .....lb. .95 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .38 - .48
Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.
Cinnamate, cns.....lb. 2.25 - —
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .33 - —
Salicylate,[1] dms., 500 lbs.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .33
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld.....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .22 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.25 - —
Chloride, refrig., dms., wks..lb. .18 - .22
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
tanks, dlvd.....lb. .06 - —
Methylhexyl ketone, dms., tech., works—lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Methylnaphthyl ketone, cns...lb. 3.25 - —
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .28½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.47.50 - —
l.c.l., works.....ton.51.00 - —
roofing, 20 mesh, bgs., c.l., works..ton.32.50 -33.00
l.c.l., works.....ton.38.00 -40.00
30-31 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
40-45 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
80 mesh, bgs., c.l., works, ton.40.00 -42.50
l.c.l., works.....ton.44.00 -45.50
graphitic, bulk, Pa., mines, ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
rubber, bgs., c.l., works, frt. alld. E..lb. .05¼- —
l.c.l., ex whse. or frt. alld. E..lb. .05¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
white, extra fine, bgs., c.l., works, frt. alld E..lb. .06½- —
l.c.l., ex whse. or frt. alld. E..lb. .07 - —
Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, ¾c. higher.
Milk powder,[1,7] skimmed, roller, bulk, c.l..lb. .14¼- —
spray, bulk, c.l.....lb. .13¾- —
whole, roller, bbls, c.l.....lb. .29 - —
spray, bbls., c.l. .....lb. .30 - —
Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27½
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2 .....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
tanks, Area 5.....ton.34.00 - —
Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,8] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[1,8] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .17 - —
l.c.l., works, basis 100%...lb. .18 - —
tanks, 100% basis, works....lb. .15 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —

ANNOUNCING

INDOIL
CHEMICAL PRODUCTS

High Boiling Aromatics
Petroleum Sulfonates
Rubber Plasticizers
Polybutenes

Aliphatic Hydrocarbons

ISOOCTANE (86%)
ISOOCTENE (86%)
DODECENE (87%)
HEXADECENE*

Now available in *Commercial Grades*, approximate purity as indicated. Specifications and prices in Drums and Tank Cars on request. Available shortly in *Research Grades*. (98%).

*Crude (44%)

INDOIL
CHEMICAL PRODUCTS

STANDARD OIL COMPANY (INDIANA)
CHEMICAL PRODUCTS DEPARTMENT
910 SO. MICHIGAN AVENUE, CHICAGO 80, ILLINOIS

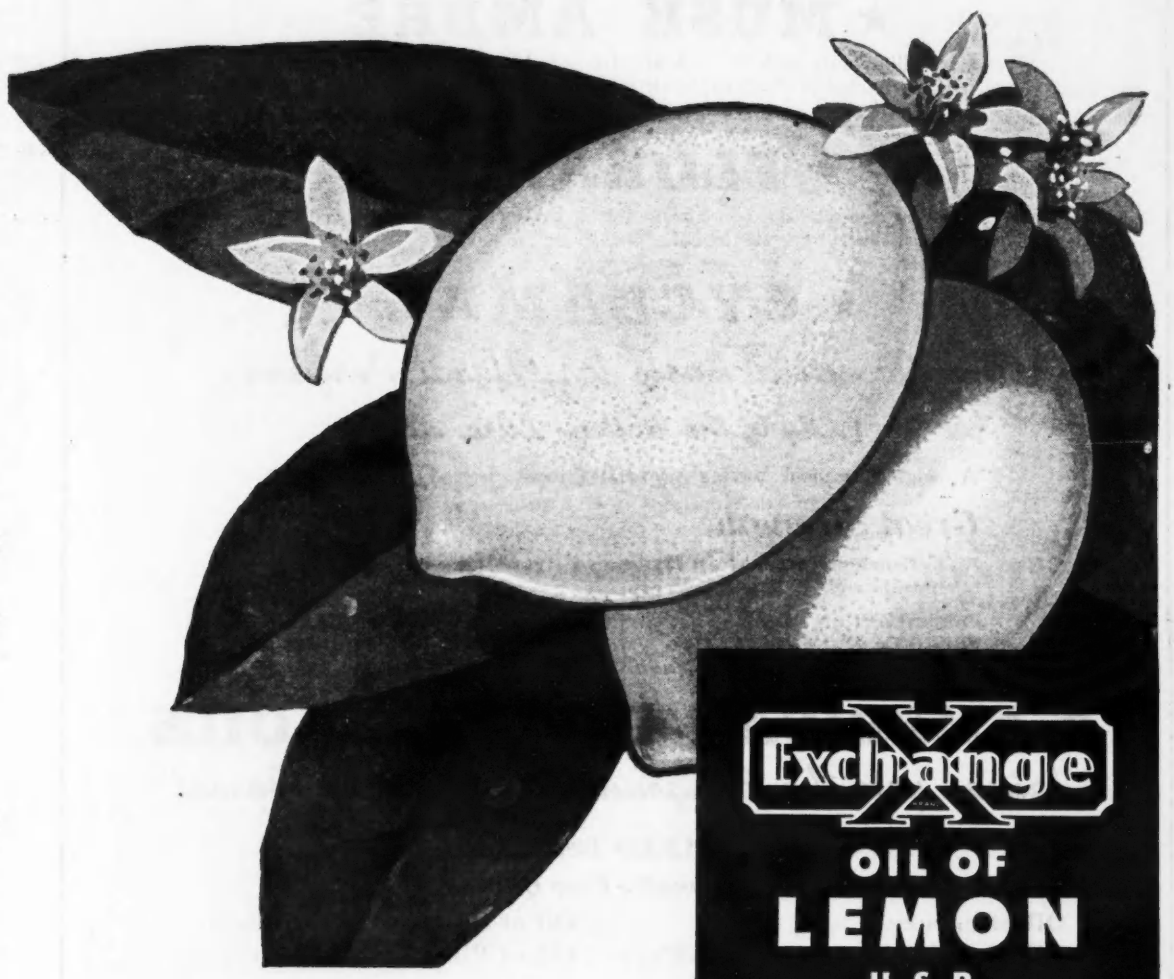
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .13 - .13½
yellow, bgs.....lb. .19 Nom.
Danish, yellow, bgs., futures, lb. .24 - .25
Montana, brown, bgs.....lb. .10¾- .11¼
oriental, bgs.....lb. .10¼- .10¾
yellow, bgs.....lb. .24 - .24½
Swedish, bgs., futures.....lb. .38 - .38½
Washington, yellow, bgs...lb. .24½- .25
Myrobalans,[2] whole, J1, U. S. ports, ex dock..ton.58.00 - —
J2, same basis.....ton.52.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dcm., 74°, bgs., c.l., frt. equald..lb. .06 - —
bbls., c.l., same basis...lb. .061 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis.. lb. .0325- —
bbls., c.l., same basis...lb. .0325- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .06 - —
50-lb. cs., same basis....lb. .06¼- —
1-lb. pkgs., same basis...lb. .09½- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nephelinesyenite,[2] glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.00 - —
Nephelinesyenite in bgs. is $2 per ton higher than bulk.
Nereline, crys., cns.....lb. 1.70 - 1.80
Niacin (see Acid, nicotinic).
Nickel, carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, bots., dms.....lb. No stocks
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs..lb. .3060- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide, USP, dms....kilo.11.00 -11.50
Nikethamide, bots., cbys.....lb. 9.00 -12.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼ sec., 20-35 cps., bbls., works, dry weight..lb. .25 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 20-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —
Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut., tanks.....ton N.106.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.
Nitrogenous process tankage,[1,7] Hopewell, Va., bulk, works, unit-ton. 3.15 - 3.20
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34½- .34¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13½- .14

O

Oakbark extract,[1,6] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.3..gal. .15½- —
Octane, 100°-140° C., indust., grd., dms., l.c.l., G. 3. gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.F.C., bots.....lb. 4.60 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.10 - 1.25
Angelica root, bots.....lb.120.00 -135.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Apricot kernel, cns.....lb. .45 - .50
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.75 - —
Bergamot, artif., cns.....lb. 2.25 - 6.00
natural, Italian, cns.....lb. 8.50 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. 5.50 - 5.75
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms.....lb. No stocks
redistilled, USP IX, cns....lb. No stocks
Calamus, cns.....lb.20.00 -27.00
Camphor, synthetic, white, cns. lb. .18 - .28
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb. No stocks
Capsicum (see Capsicum, oleoresin).
Caraway, NF, cns.....lb. 8.00 -11.50
Cardamom, bots.....lb.17.00 -18.00
Cassia, USP, cns.....lb. No stocks
Castor,[1] blown, ret. dms., c.l. lb. .15¾- —
l.c.l. .....lb. .16 - —
Oil, castor, cold pressed, USP, bbls., c.l..lb. .14 - —
l.c.l. .....lb. .14½- —
cns. .....lb. .15¾- .17¾
dms., c.l.....lb. .12¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, bodied, dms., c.l. lb. .1750- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .12¾- —
l.c.l. .....lb. .14½- —
dms., c.l.....lb. .12½- —
l.c.l. .....lb. .14½- —
tanks .....lb. .12¾- —
sulphonated, 50% (49% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10½- .11
75% (68% fat), dms., c.l..lb. .12½- .12¾
l.c.l. .....lb. .13 - .13½
80% (69% fat), dms., c.l..lb. .12¾- .13
l.c.l. .....lb. .13¾- .14
Cedarleaf,[1] USP, cns., dms..lb. 2.50 - 2.75
Cedarwood, dms.....lb. 1.00 - 1.10
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .90 - .95
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.50 -34.50
leaf, dms.....lb. 1.40 - 1.95
Citronella, Ceylon, cns.....lb. 1.70 - 1.75
Clove, USP, cns.....lb. 1.50 - 1.75
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0625- —
Cochin type, bulk, c.i.f. N. Y..lb. .0625- —
Manila, bulk, c.i.f. N. Y..lb. .0625- —
ret. dms.....lb. .0625- .0675
edible, ex tax, bulk.....lb. .0625- —
Cod, Newfoundland, dms....gal. .88 - .90
tanks .....gal. .88 - —
Codliver, USP, bbls., dms..gal. 2.15 - 2.25
Coriander, bots.....lb.25.00 -65.00
Oil, corn,[1,7] crude, tanks, works. lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1592- —
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dlvd. E.lb. .08½- —
Cottonseed,[1,7] cooking, l.c.l., ret. dms..lb. .16¼- —
crude, tanks, works.....lb. .12½- .13½
foots, acid, 95% tanks, dlvd. E..lb. .07¾- —
raw, 50%, tanks, dlvd. E., lb. .08¾- —
salad, l.c.l., dms.....lb. .16¾- .17
Creosote (see C).
Croton, NF, cns.....lb. No prices
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb. No stocks
Cypress, bots.....lb.12.00 -16.00
Degras (see D).
Dillseed, bots.....lb. 6.00 - 7.00
Dillweed, bots.....lb. 4.25 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns.....lb. 1.15 - 1.40
Fennel, sweet, cns.....lb. 4.00 - —
Fir, Canada, cns.....lb. 2.25 - 2.75
Fishliver,[5] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .99 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Geranium, Bourbon, cns.....lb.17.50 -22.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots..... .....lb.12.00 -13.50
Grapefruit, cns.....lb. 2.05 - 2.75
Oil, grease, common, No. 1, bbls., c.l..lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15¼- —
Guaiacwood, cns..... .....lb. 3.20 - 4.15
Hemlock, cns.....lb. 2.00 - —
Herring,[1] crude, tanks, Pac. coast..lb. .069 - —
Juniper, berry, dom., bots....lb. 6.75 - 7.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns.....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 6.00 - 8.75
Lavender flower, French, 38%-42% ester, cns..lb.13.00 -16.00
30-32% ester.....lb. 8.50 - —
Russian, cns.....lb.14.50 - —
spike, Spanish, pure, cns....lb. 2.75 - 3.10
tech., cns.....lb. 2.35 - 2.50
Lemon, USP, Calif., cns.....lb. 2.35 - —
Messina,[1] cns.....lb. No stocks
Terpeneless, bots.....lb.40.00 -60.00
Lemongrass, cns.. dms.....lb. 2.75 - 2.90
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. 4.25 - 6.25
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns., lb. 6.50 - 6.75
West Indian, cns.....lb. 7.00 - 7.50
expressed, West Indian, cns., lb.12.50 -15.00
Linseed,[1,7] raw, dms., c.l...lb. .1500- —
l.c.l. .....lb. .1600- .1660
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l..lb. .1400- .1580
tanks .....lb. .1230- .1470



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EXCHANGE LEMON PRODUCTS CO., CORONA, CALIF.

Oil, lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-800 vis., 24-4 pour, tanks..gal. .07⅛- .11
red., 200-600 vis., 4-6½ pour, plus tanks..gal. .07⅛- .11⅛
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .23 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks, gal. .16 - —
200-300 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
Pa., bright stock, 145-155 vis., No. 8 color, 10-25 pour, tanks..gal. .28 - .30⅛
cylinder oils, 600-650 flash, tanks..gal. .16 - .17
600-650 steam, refd., tanks..gal. .15 - .15⅛
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .20 - .21
200 vis., 25 pour, tanks, gal. .22 - .23
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.00 - 6.75
Menhaden,[1,7] crude, tanks, Balto..lb. .0690- —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. .14⅜- —
Neatsfoot,[1] 15°, bbls.....gal. 1.60 - 1.85
20°, bbls.....gal. 1.75 - 1.80
30°, bbls.....gal. 1.55 - 1.60
pure, bbls.....lb. .15½- .16½
Neroli, bots.....lb. 200.00 -325.00
Nutmeg, dist., cns., dms....lb. 4.75 - 5.25
Officica,[1] liquid, dms., c.l....lb. .24½- —
dms., l.c.l.....lb. .24½- .25

Oil, oleo,[1] extra dms., Chicago.lb. .1304- —
prime, dms., Chicago.....lb. .1278- —
Olibanum, bots.....lb. 6.00 - —
Olive, donat., dms.....gal. No stocks
edible,[1] Calif., 3%-4½% f.f.a., dms., extra, works..gal. 4.30 - 4.60
imported, dms.....gal. No stocks
foots,[1] dom., dms., c.l....lb. .18 - —
tankcars, works.....lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars, ex dock....lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
60% (65% fats), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
65% (65% fat), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - —
expressed, USP, Brazilian, cns..lb. 1.35 - 1.60
Calif., cns.....lb. 1.65 - 2.00
Florida, cns., dms.....lb. 1.40 - 1.60
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 2.75 - 3.00
exquitterpeneless, bots.....lb. 100.00 -112.00
Origanum, Spanish, cs.....lb. 2.85 - 3.00
Palm,[1,7] Niger, dms.....lb. .0365- —
Palmarosa, cns.....lb. No stocks
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y..lb. .0385 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .09¾- .09⅛
320° flash, 60-70 vis., tanks, G.S..gal. .08 - —
360° flash, 70-80 @ 100 vis., 0/10 pour, G.S..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y..gal. .09¼- —
100-110 vis., 0/10 pour, same basis..gal. .09⅛- .15
10/25 pour, same basis..gal. .08¼- .09⅜

Oil, patchouli, cns.....lb. No stocks
Peanut,[1,7] bleached, deod., tanks, divd. E..lb. .1601- —
crude, tanks, works.....lb. .12⅜- .13⅝
foots, acid, 95%, tanks, divd. E..lb. .09 - —
raw, 50%, tanks, divd. E..lb. .04 - —
hydrogenated, tanks, divd. E., lb. .1373- .1376
Pennyroyal, dms., cns.....lb. No prices
import, cns.....lb. No prices
Peppermint,[1] natural, dms...lb. 6.25 - 6.85
redist, USP, dms.....lb. 6.75 - 7.50
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms., lb. 2.75 - 3.00
Pimento, berry, dms.....lb. 6.65 - 6.90
leaf, cns.....lb. 4.00 - 4.25
Pine,[1] ret. dms., c.l., divd. E., gal. .68 - .69½
l.c.l., divd. E.....gal. .73 - —
tanks, works.....gal. .65 - —
Pineneedle, cns.....lb. 3.10 - 3.25
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.94 - —
Boston, Providence....gal. .26 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .22 - —
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.
Rapeseed,[1] bulk.....lb. .13 - —
Red,[1] ret. bbls., c.l., dms., divd. E. of Rockies..lb. .13½- —
W. of Rockies.....lb. .14½- —
Texas and Okla.....lb. .13⅝- —
tanks, divd. E. of Rockies.. lb. .12⅝- —
W. of Rockies.....lb. .13½- —
Texas and Okla.....lb. .13 - —

Oil, red, double dist., ret. dms., c.l., divd. E. of Rockies. lb. .15⅞- —
W. of Rockies.....lb. .16⅜- —
Texas and Okla.....lb. .16⅝- —
special non-ret. dms., bbls., c.l., divd. E. of Rockies. lb. .16⅜- —
W. of Rockies.....lb. .17⅜- —
Texas and Okla.....lb. .17⅛- —
Red oil prices for ton lots are ⅛ cent per pound higher, and 1 cent higher for less than ton lots.
Rose, natural, coppers.....oz. 31.25 -45.00
Rosemary, Spanish, tech., cns., dms..lb. 1.25 - 1.35
USP, cns., dms.....lb. 1.60 - —
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .66 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 5.00 - 5.25
Sage, Spanish, cns.....lb. 2.50 - 2.75
Sandalwood, NF, Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,7] tanks, Pac. coast..lb. .069 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., cns.....lb. .55 - .60
natural, cns., dms.....lb. 2.00 - 2.30
Savin, cns.....lb. No stocks
Savory, cns.....lb. 6.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .069 - —
Sesame,[1,7] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works.....gal. .22 - .23
tanks, works.....gal. .15 - .16
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1290- .1335
tanks .....lb. .1250- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1300- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, divd. E..lb. .07¼- —
raw, 50%, tanks, divd. E..lb. .03½- —
refd., varnish, dms.....lb. .1330- .1400
tanks .....lb. .1240- .1247
Spearmint, dms.....lb. 4.00 - 4.25
Sperm, bleached, 38°, dms...lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.55 - 2.75
Sunflower,[7] imp., refined, tanks, lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall,[1] crude, dms., c.l., works, ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -62.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .06¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow, acidless, bbls.....lb. .14¼- —
tanks .....lb. .13⅝- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, crude, dms., c.l., divd. E. cities..gal. .32⅜- —
l.c.l., works.....gal. .29¾- —
tanks, divd. E. cities....gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.75 - 3.15
white, cns.....lb. 3.05 - 3.35
Tung,[1] dms., c.l.....lb. .39 - .39¼
l.c.l. .....lb. .40 - .41
tanks .....lb. .38¾- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .27 - .29
Vetiver, Bourbon, cns.....lb. 37.00 -39.00
Whale,[1] ref., natural, dms..lb. .1187 Nom.
Winter bleached, dms....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -13.50
White mineral, tech., 50-65 vis., dms., incl., c.l..gal. .34 - —
l.c.l. .....gal. .37 - .41
65-75 vis., dms.,, dms. incl., c.l..gal. .35 - —
l.c.l. .....gal. .38 - .42
USP, 80/90 vis., dms., dms. incl., c.l..gal. .37 - —
l.c.l. .....gal. .40 - .44
125/135 vis., dms., dms. incl., c.l..gal. .46 - —
l.c.l. .....gal. .49 - .53
145/155 vis., dms., dms. incl., c.l..gal. .48 - —
l.c.l. .....gal. .51 - .55
175/185 vis., dms., dms incl., c.l..gal. .50 - —
l.c.l. .....gal. .53 - .57
200/210 vis., dms., dms. incl., c.l..gal. .54 - —
l.c.l. .....gal. .57 - .61
335/345 vis., dms., dms. incl., c.l..gal. .62 - —
l.c.l. .....gal. .65 - .69
55, 70 and 85 vis., non-ret. dms., San Francisco.gal. .42 - —
smaller lots, same basis, gal. .44 - .47
100 vis., non-ret. dms., 65 dms., San Francisco.. gal. .51½- —
smaller lots, same basis, gal. .53½- .56⅝
145 vis., non-ret. dms., 65 dms., San Francisco..gal. .59 - —
smaller lots, same basis, gal. .61 - .64
180 vis., non-ret., dms., 65 dms., San Francisco..gal. .62½- —
smaller lots, same basis, gal. .64½- .67½
340 vis., non-ret. dms., 65 dms., San Francisco..gal. .74 - —
smaller lots, same basis, gal. .76 - .79
Wintergreen, natural, North, cns..lb. 5.50 -8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Wormwood, cns.....lb. 4.25 - 5.50
Ylang-ylang, Bourbon, bots..lb. 8.00 -21.00
Oleostearin,[1,7] dms., Chicago..lb. .1061- —
Olivine, aggregate, c.l., mines.. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, paper bgs., c.l., works, ton. 7.00 - —
spalls, paper bgs., c.l., works, ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots, lb. 12.00 - —
25-lb. lots.....lb. 12.25 - —
smaller lots.....lb. 12.50 -12.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, cadmium, selenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroaniline, toner[3].....lb. 1.65 - —
Molybdate,[3] bbls.....lb. .42 - —
Orthonitroaniline toner,[3] bbls., kgs., works..lb. .90 - 1.00
Persian,[3] bbls.....lb. .20 - .47

★ MUSK AMBRE

Crystalline body with Musk Ambrette note. Deep — rich — full aroma with remarkable fixative qualities. Economical. *Write for prices and sample.*

★ FLORANOL

A single chemical used in compounding Rose Odors. Blends with or replaces Phenyl Ethyl Alcohol. *Samples on Request.*

★ CYCLAMAL

The Accepted Basis for Floral Perfumes

(Lily of the Valley, Lilac, etc.)

A single chemical having properties most desired by perfumers.

Great Strength

(5 times stronger than Hydroxy Citronellal with which it blends well.) Result: Economy.

PERSISTENT IN ODOR — FREEDOM FROM DISCOLORATION
FREEDOM FROM IRRITATION — CYCLAMAL IS OF 100% PURITY
Manufactured in the U.S.A.

★ AMERICAN DISTILLED OILS

brings you the Fragrance of the Pine Forest

PURE OILS DISTILLED ESPECIALLY FOR US

Exceptionally Fine Quality

Oil of Spruce — Oil of Balsam Fir American
Oil of Cedar Leaf American Pure — Oil of Pine Needles American

They come to you as they come from the still in the state of absolute purity. Samples will convince you of the added value to be had from these Pure Quality Oils.

★ ALDEHYDES

ALDEHYDE C-8 — ALDEHYDE C-10 — ALDEHYDE 12-M
ALDEHYDE C-16 — ALDEHYDE C-18

Requests for samples on your firm's letterhead will be promptly answered.

Aromatics Division
GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
6 S. CLINTON STREET, CHICAGO 6 — 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Orange peel, bitter, Haitian, bgs., tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.12¼ - —
dlvd. Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo.	lb.	.12½ - —
other points	lb.	.12½ - —
smaller lots, Ala., etc.	lb.	.12¾ - —
Ariz., etc.	lb.	.13¼ - —
Colo., Mont., N. M., Wyo.	lb.	.13 - —
other points	lb.	.12½ - —
Orange peel, bitter, Haitian, bgs.,	lb.	.12½ - .14
sweet, bls.	lb.	.14 - .14½
Oregano, Mexican, curly leaf, bgs.	lb.	.08½ - .09
flat leaf, bgs.	lb.	.06¼ - .06¾
Orris root, Florentine, bls.	lb.	.55 - .60
Verona, bls.	lb.	No stocks
Portuguese, bls.	lb.	.48 - .49
Orthoamyiphenol, dms., works.	lb.	.25 - —
Orthoanisidin, 2bls.	lb.	.70 - —
Orthochloranilin, dms.	lb.	.60 - —
Orthochlorophenol, dms.	lb.	.25 - .27
Orthocresol,[2] 30.4° C. min., M.P., dms., c.l., works.	lb.	.17½ - .18
l.c.l., works	lb.	.16 - .16½
29° C. min., M.P., dms., c.l., works.	lb.	.16½ - .17
l.c.l., works	lb.	.17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies,	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.06½ - —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.		
Orthonitroaniln, dms.	lb.	.43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works.	lb.	.10 - —
l.c.l., works	lb.	.11 - —
grade B, dms., c.l., works.	lb.	.06 - —
l.c.l., works	lb.	.07 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.,	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthophenetidin, dms.	lb.	.82 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange crystals, bbls.	lb.	.23 - —
Extract, No. 1, bbls.	lb.	.11 - —
No. 2, bbls.	lb.	.10 - —
Ouabaine, USP, bots.	gram	3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs., works.	lb.	3.50 - —
smaller lots, works	lb.	3.75 - 4.15

P

Papain, powd., cs.	lb.	4.00 - 4.25
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots.	oz.	7.00 - —
smaller lots.	oz.	7.05 - 7.35
Sulphate, cns.	oz.	7.10 - 7.35
Paprika,[1] Calif., sweet Caliente, ground, bgs.	lb.	.40 - .41
Chilean, bgs.	lb.	.32 - .40
Portuguese, bgs.	lb.	.38 - .42
Spanish, bgs.	lb.	.45 - .46½
Para-anisidin, dms., works.	lb.	.75 - —
Parachlorophenol, dms., c.l., wks.	lb.	.24 - —
l.c.l., same basis	lb.	.25 - .27
Paracresol, bbls., works.	lb.	.41 - —
Paracymene, dms., c.l., works.	lb.	.1595- —
l.c.l., same basis	lb.	.1645- —
tanks, same basis	lb.	.1545- —
Paradichlorobenzene, dms., c.l., works.	lb.	.11 - .12
l.c.l., same basis	lb.	.12½ - .16
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery.	lb.	.04¼ - —
fully ref'd. slabs, loose, 117-119 ASTM, c.l., refinery.	lb.	.05 - —
120-122 ASTM, refinery.	lb.	.0520- —
122-124 ASTM, refinery.	lb.	.0520- —
125-127 ASTM, refinery.	lb.	.0560- —
127-129 ASTM, refinery.	lb.	.0585- —
128-130 ASTM, refinery.	lb.	.0585- —
130-132 ASTM, refinery.	lb.	.0615- —
132-134 ASTM, refinery.	lb.	.0640- —
135-137 ASTM, refinery.	lb.	.0715- —
140-142 ASTM, refinery.	lb.	.0810- —
146-148 ASTM, refinery.	lb.	.1050- —
Prices in bags 4/10c. per lb. higher.		
Paraformaldehyde, dms., 1,000 lbs. or more, works.	lb.	.21 - —
smaller lots, works.	lb.	.22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks.	lb.	.12 - —
10-gal. dms., works.	lb.	.15 - —
USP, cbys., cns.	lb.	.35 - .45
Paranitroaniln, kgs., works.	lb.	.43 - .45
Paranitrochlorobenzene, kgs., wks.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs., works.	lb.	.30 - —
Paraphenylenediamine, tech., kgs.	lb.	2.00 - —
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls., works.	lb.	.48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.20 - .27
l.c.l., same basis	lb.	.22 - .28
Passion flower herb, bls.	lb.	.23 - .24
Patchouli leaves, bls.	lb.	.34 - .35
Pectin, bbls.	lb.	1.25 - —
Penicillin,[4,6] ampule, per 100,000 unit.		.55 - .95
Pennyroyal leaves, bls.	lb.	.16 - .18
Pentachlorophenol, dms., works,	lb.	.20 - .25
Pentaerythritol, CP, bbls., dlvd.	lb.	.75 - —
smaller containers	lb.	1.00 - —
tech., bbls., c.l.	lb.	.27 - —
l.c.l.	lb.	.31 - —
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3.	gal.	.11 - —
l.c.l., dms., Group 3.	gal.	.19 - —
industrial grade, tanks, Group 3.	gal.	.07¼ - .07½
laboratory grade, 10-gal. cns., dlvd. E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., Group 3	gal.	.20 - —
Pepper, black,[1,7] 15 tons, bgs.	lb.	.10 - —
50 to 100 bgs.	lb.	.1050- —
4 to 24 bgs.	lb.	.1100- —
Red, capsicum, Carolina, longs, new crop, bgs., ship't point.	lb.	No stocks
sports, old crop, bgs.	lb.	No stocks
Louisiana, sports, bgs.	lb.	No stocks
long, new crop, bgs., ship't point.	lb.	No stocks
Chillies, bgs.	lb.	No stocks
White,[1,7] bgs., 15 tons.	lb.	.1161 Nom.
24 bgs.	lb.	.1295 Nom.

Peppermint, dom., USP, bls.	lb.	.85 - .90
imported, bls.	lb.	.90 Nom.
Perchlorethylene, dms., c.l.,		
Zone 1, works, frt. alld.	lb.	.0782- .0800
Zone 2, same basis	lb.	.0832- .0850
Zone 3, same basis	lb.	.0882- .0900
Zone 4, same basis	lb.	.0876- .0900
l.c.l., Zone 1, same basis.	lb.	.0832- .0850
Zone 2, same basis	lb.	.0882- .0900
Zone 3, same basis	lb.	.0932- .0950
Zone 4, same basis	lb.	.0926- .0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.		
Peru balsam, dms.	lb.	1.10 - 1.25
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021 - —
golden topaz, bbls., c.l.	lb.	.022 - —
l.c.l.	lb.	.036 - —
red, veterinarian, bbls., c.l.	lb.	.024 - —
l.c.l.	lb.	.028 - —
USP, amber, non-ret. dms., c.l.	lb.	.03½ - —
l.c.l.	lb.	.04½ - —
extra amber, dms., c.l.	lb.	.03¾ - —
l.c.l.	lb.	.04¾ - —
cream, c.l., dms.	lb.	.05 - —
l.c.l.	lb.	.06½ - —
yellow, soft, dms., c.l.	lb.	.03½ - —
l.c.l.	lb.	.04½ - —
white, lily, dms., c.l.	lb.	.05¾ - —
l.c.l.	lb.	.07¼ - —
snow, dms., c.l.	lb.	.06½ - —
l.c.l.	lb.	.08 - —
soft, dms., c.l.	lb.	.05½ - —
l.c.l.	lb.	.06½ - —

Petroleum, crude, bulk, at wells, California, heavy grades.	bbl.	.93 - 1.01
Illinois	bbl.	1.37 - —
Kentucky, Union County.	bbl.	1.32 - 1.37
Louisiana-Arkansas	bbl.	.86 - 1.20
Oklahoma-Kansas	bbl.	.85 - 1.25
Pennsylvania	bbl.	1.31 - 3.00
Texas, Gulf coast	bbl.	1.06 - 1.86
North, North-Central.	bbl.	1.01 - 1.25
Panhandle	bbl.	1.19 - 1.22
West	bbl.	.70 - 1.72
Wyoming	bbl.	1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E.	gal.	.55 - —
30°-60°C., dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
35°-60° C., 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	16 - —
l.c.l., Group 3	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
Fuel oil,[1] furnace, tanks, at refinery, Arkansas, No. 2.	gal.	.04½ - —
No. 3	gal.	.04 - —
Bayonne, No. 2, tanks,	gal.	.057 - —
California, heavy	bbl.	1.10 - —
light	bbl.	1.20 - —
diesel	gal.	.04½ - —
range	gal.	.06½ - —

Petroleum, fuel, furnace, tanks, at refinery, Group 3, No. 1.	gal.	.03½ - —
No. 2, straw	gal.	.04½ - —
No. 3	gal.	.04 - —
range	gal.	.04½ - —
Kansas, No. 6	bbl.	1.04½ - —
Oklahoma, No. 1, p.w.	gal.	.04¾ - —
No. 1, straw	gal.	.04½ - —
No. 2, straw	gal.	.04½ - —
No. 3	gal.	.04 - —
No. 6	bbl.	.92½ - .97½
range	gal.	.04½ - —
Pennsylvania, No. 1.	gal.	.06657- .06925
No. 2	gal.	.0625- .0675
No. 3	gal.	.0625- .0675
36-40 gravity	gal.	.0625- .0675
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.71 - —
Baltimore, Md.	bbl.	1.51 - —
Boston, Mass.	bbl.	1.555 - —
Charleston, S. C.	bbl.	1.42 - —
Fall River, Mass.	bbl.	1.525 - —
Jacksonville, Fla.	bbl.	1.42 - —
New Haven, Conn.	bbl.	1.525 - —
New York, N. Y.	bbl.	1.51 - —
Norfolk, Va.	bbl.	1.47 - —
Philadelphia, Pa.	bbl.	1.51 - —
Portland, Me.	bbl.	1.555 - —
Portsmouth, N. H.	bbl.	1.555 - —
Providence, R. I.	bbl.	1.525 - —
Savannah, Ga.	bbl.	1.42 - —
Tiverton, R. I.	bbl.	1.525 - —
Wilmington, N. C.	bbl.	1.42 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles.	gal.	.11 - —
Fort Wells, Wash.	gal.	.12 - —
San Francisco	gal.	.11½ - —
Willbridge, Ore.	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.11½ - —
Group 3, benzol type, tanks,	gal.	.07⅜ - —
toluol type, tanks.	gal.	.07⅜ - —

A Plain Statement to Users

Skellysolve is shipped in cars used for no other purpose. There is no chance for contamination or mixture with other materials.

of INDUSTRIAL NAPHTHAS

"Doc" MacGee says:

Occasionally users of industrial naphthas are tempted to buy a product claimed to be "*the same*" or "*just as good*" as Skellysolve.

Here's an actual case:

A large user began buying his entire requirements from two companies, each claiming a product "just as good" as Skellysolve.

Both suppliers were given a fair trial from the standpoint of furnishing quality products and their ability to deliver sufficient quantities when needed. *Both* failed, and the user called on Skelly. Without Skellysolve to fall back on, they would have been "up against it."

In buying industrial naphthas, here are important points to remember:

—Skelly has raw materials in abundance—will continue to have for years to come. Risk of supply failure is minimized.

—Skelly offers experienced, competent technical assistance to Skellysolve customers.

—With Skellysolve, there is less danger of bad odor, high residue, great evaporation loss, unsaturated gum-forming residue.

SKELLYSOLVE IN THE INK INDUSTRY

The Skellysolve line includes naphthas of exceptional purity and closeness of boiling range. Skellysolve-C, for example, has an initial boiling point of 190° F. and an end point of only 210° F.; therefore, you get quick, final dry and eliminate "sticking" and "smearing" trouble. In addition to regular V. M. & P. naphthas and mineral spirits, the Skellysolve line also includes slow drying and narrow boiling range solvents. Our Skellysolve Technical Fieldmen are available to assist you on solvents problems. Write or wire today for full information.

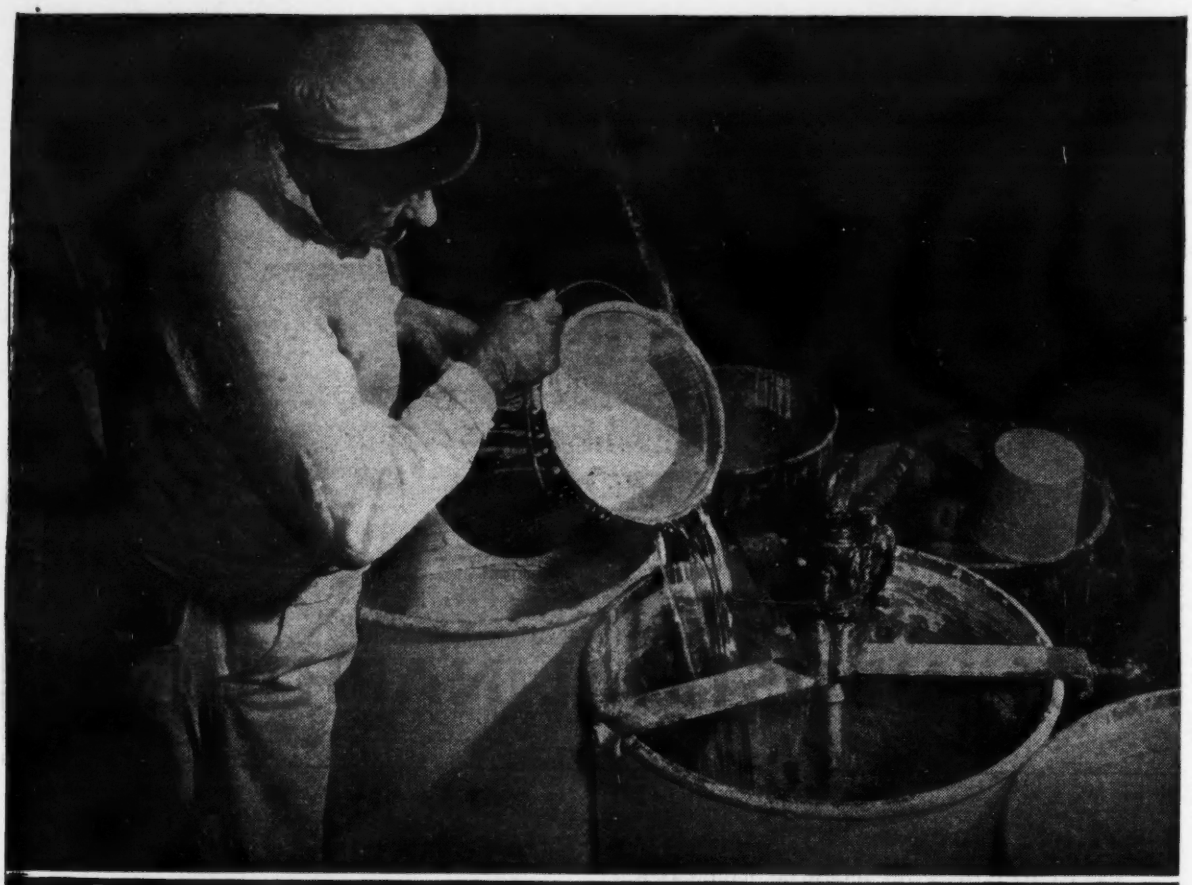
SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL COMPANY

SKELLY BLDG., KANSAS CITY, MISSOURI

Petroleum, mineral spirits, California, San Francisco, 163-252 b.r., tanks..gal.	.10¼-	—
198-200 b.r., tanks...gal.	.10¼-	—
246-397 b.r., tanks...gal.	.10½-	—
312-408 b.r., tanks...gal.	.09 -	—
362-458 b.r., tanks...gal.	.09 -	—
East coast, N. J., N. Y., tanks, refinery..gal.	.10 -	—
Group 3, tanks, refinery..gal.	.06¼-	—
Gulf coast, tanks.....gal.	.06½-	—
tankwagons, Baltimore...gal.	.1240-	—
Boston .....gal.	.12 -	—
Bridgeport, Conn.....gal.	.1430-	—
Buffalo .....gal.	.1240-	—
Camden, N. J.....gal.	.11 -	—
Chicago .....gal.	.1150-	—
Detroit .....gal.	.1380-	—
Hartford .....gal.	.1430-	—
Kansas City, Mo.....gal.	.1280-	—
Lancaster, Pa.....gal.	.12 -	—
Milwaukee .....gal.	.1240-	—
Minneapolis .....gal.	.1220-	—
Newark .....gal.	.11 -	—
New York.....gal.	.11 -	—
Philadelphia .....gal.	.11 -	—
Pittsburgh .....gal.	.120 -	—
Providence .....gal.	.13 -	—
Rochester .....gal.	.1320-	—
St. Louis.....gal.	.1370-	—
Syracuse .....gal.	.14 -	—
Washington, D. C.....gal.	.135 -	—
Wilmington, Del.....gal.	.11 -	—
Naphtha, cleaners, California, tanks, San Francisco..gal.	.12 -	—
East coast, N. J., N. Y., tanks, refinery..gal.	.11 -	—
Group 3, tanks, refinery, gal.	.07¼-	—
tankwagon, Newark.....gal.	.12 -	—
Bridgeport .....gal.	.1730-	—
Chicago .....gal.	.1380-	—
Petroleum, naphtha, cleaners, tankwagon, Detroit..gal.	.15 -	—
Milwaukee .....gal.	.1440-	—
Minneapolis .....gal.	.1420-	—
New York.....gal.	.12 -	—
Philadelphia .....gal.	.125 -	—
St. Louis.....gal.	.1470-	—
high-solvency, No. 8, over 70% arom., tanks..gal.	.225 -	—
No. 80, tanks, frt. alld..gal.	.2205-	—
No. 40, tanks, Wilmington, Cal..gal.	.13½-	—
No. A-80, tanks, Carteret, N. J..gal.	.21½-	—
Cincinnati, Chicago, Detroit..gal.	23 -	—
No. B-90, tanks, all shipping points..gal.	.24½-	—
No. F-80, tanks, Carteret, N. J..gal.	.23 -	—
V.M.&P. at refinery, California, 46.5 254 i.p.b., 380 e.p., tanks, El Segundo..gal.	.11 -	—
Richmond .....gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.12 -	—
54-77, 190 i.b.p., 310 e.p., Los Angeles.....gal.	.10 -	—
San Francisco....gal.	.10½-	—
Portland, Seattle..gal.	.11 -	—
Group 3, tanks.....lb.	.07¼-	—
Gulf Coast (dlvd. New Orleans), tanks..gal.	.06½-	—
tankwagon, Boston.....gal.	.13 -	—
Chicago .....gal.	.1380-	—
Detroit .....gal.	.15 -	—
Milwaukee .....gal.	.1540-	—
Minneapolis .....gal.	.1520-	—
Newark (200 gals.)....gal.	.125 -	—
New York.....gal.	12 -	—
Philadelphia .....gal.	125 -	—
Pittsburgh .....gal.	.12½-	—
St. Louis.....gal.	.1470-	—
Petroleum solvent, rubber, at refinery, California, San Francisco..gal.	.25½-	—
East Coast, N. J., N. Y., tanks..gal.	.11 -	—
Group 3, tanks.....gal.	.07¼-	.07½
Stoddard (CS 8-33), at refinery:—		
California (f.o.b. San Francisco), tanks..gal.	.11 -	—
East Coast, N. J., N. Y. tanks..gal.	.10 -	—
Group 3, tanks.....gal.	.06½-	—
Pennsylvania, western, tanks..gal.	.07¼-	.07½
tankwagon, Baltimore...gal.	.13 -	—
Boston .....gal.	.12 -	—
Chicago .....gal.	.13½-	—
Detroit .....gal.	.1580-	—
Milwaukee .....gal.	.1440-	—
Minneapolis .....gal.	.1420-	—
Newark .....gal.	.11 -	—
New York.....gal.	.11 -	—
Philadelphia .....gal.	.11 -	—
Pittsburgh .....gal.	.12½-	—
St. Louis.....gal.	.1370-	—
Syracuse .....gal.	.14 -	—
Toluol, tanks, dlvd. E....gal.	.27 -	—
Xylol, tanks, dlvd. E....gal.	.26 -	—
Sulphonates, 65% sulphonic content, ret. dms., c.l., works.lb.	.09¾-	—
l.c.l., works.....lb.	.09¾-	.10¼
tanks, works.....lb.	.09¼-	—
50% sulphonic content, ret. dms., c.l., works..lb.	.09¾-	—
l.c.l., works.....lb.	.09¾-	.10¼
tanks, works.....lb.	.09¼-	—
Phenobarbital, cns.....lb.	3.60 -	3.70
tins, 100 lbs.....lb.	3.50 -	—
Phenol, 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb.	.10 -	—
l.c.l., same basis.....lb.	.10¾-	—
tanks, same basis.....lb.	.09 -	—
82-84% (cresol, 16-18%), dms., c.l., same basis..lb.	.09¾-	.10¼
l.c.l., same basis.....lb.	.10½-	—
tanks, same basis.....lb.	.08¾-	.09¼
USP, dms., c.l., same basis..lb.	.10½-	—
l.c.l., same basis.....lb.	.11¼-	—
tanks, same basis.....lb.	.09¼-	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb.	.85 -	—
smaller lots.....lb.	.87 -	.93
Yellow, fib. dms., 2,000 lbs..lb.	.80 -	—
smaller lots.....lb.	.82 -	.87
Phenothiazin, NF, fib. dms., 2,000 lbs..lb.	.49 -	—
smaller lots.....lb.	.54 -	—
Phenylacetaldehyde, solut., 50%, bots..lb.	2.45 -	2.50
100%, bots.....lb.	4.00 -	5.00
Phenylethyl acetate, dms.....lb.	3.30 -	3.35
Phenylethylphenyl acetate, bots., lb.	4.75 -	4.80
Phenylhydrazin, base, CP, bots.lb.	4.55 -	—
Hydrochloride, CP, bots., works, lb.	7.10 -	—
commercial, kgs., works..lb.	1.75 -	—
Phloroglucinol, CP., fib., dms..lb.	13.75 -	14.75
tech., fib. dms.....lb.	12.00 -	12.50
Phosgene, ton lots, works....lb.	.19 -	—
Phosphate, defluorinated (see under D).		
Phosphate rock,[1] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-68% b.p.l., bulk, car at mine, c.l..... long ton.	2.20 -	—
70%-68%, same basis.. long ton.	2.60 -	—
72%-70%, b.p.l., same basis..long ton.	3.20 -	—
75%-74%, b.p.l., same basis..long ton.	4.20 -	—
77%-76%, b.p.l., same basis..long ton.	5.20 -	—
entirely pebble, 50c. per ton higher than above prices.		
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum.... short ton.	3.15 -	—
68%, basis 31% P_2O_5 minimum..short ton.	3.35 -	—
70%, basis 32% P_2O_5 minimum..short ton.	3.70 -	—
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% i. & a.. same basis..long ton.	5.30 -	—
72%-70% b.p.l., 5½% i. & a., same basis.long ton.	5.80 -	—
refinery, ground, 25% P_2O_5, same basis..long ton.	4.95 -	—
30%, P_2O_5, same basis.... long ton.	5.15 -	—
31%, P_2O_5, same basis.... short ton.	5.25 -	—
32%, P_2O_5, same basis.... short ton.	5.50 -	—
33%, P_2O_5, same basis.... short ton.	6.00 -	—
Phosphorus, red, amorphous, cs. lb.	.40 -	.44
tins, export.....lb.	.53 -	—
yellow, cns.....lb.	.23 -	.26
dms., c.l.....lb.	.14½-	—
Oxychloride, dms., c.l.....lb.	.10¾-	—
l.c.l., dms.....lb.	.12½-	.15
Pentoxide, dms., c.l., wks...lb.	.11 -	.12
l.c.l., works.....lb.	.13 -	.14
Sesquisulphide, cs.....lb.	.38 -	.42
Trichloride, dms., c.l.....lb.	.10¾-	—
l.c.l.....lb.	.12½-	.15
Phthalamide, bbls., works.....lb.	.35 -	.40
kgs., works.....lb.	.45 -	.50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver..lb.	.13 -	—
l.c.l., same basis.....lb.	.14 -	—
Pichi leaves, bgs.....lb.	.07 -	.08
Picoline (see Alphapicoline and Betapicoline).		
Pierotoxin, bots.....oz.	8.00 -	—
Pilocarpine hydrochloride, USP, bots., vls..oz.	3.75 -	5.10
Nitrate, bots., vls.....oz.	3.65 -	5.00
Pimento,[2] Jamaica, bgs.....lb.	.22 -	.23½
Pinetar, retort, dms., incl., c.l., works..gal.	.31 -	—
l.c.l., works, dms. incl..gal.	.32 -	—
tanks, dlvd. E.....gal.	.27 -	—
Pinkroot, bls.....lb.	1.10 -	1.15
Piperazine hexahydrate, bots..lb.	16.00 -	—
Pitch, burgundy (see B).		
Coaltar, 160° m.p., bbls., c.l., works..ton.	19.00 -	—
l.c.l., works.....ton.	22.00 -	—
Cottonseed, dms., works.....lb.	.04 -	.06
Hardwood, paper bgs., works.lb.	.03½-	—
Linseed, dms.....lb.	.05 -	.05½
Petroleum (see Asphaltum, Mexican, Texas).		
Pine, dms.....100 lbs.	6.50 -	—
stands, 200 lbs.....stand.	6.00 -	—
Soybean, dms., works.....lb.	.04 -	.06
Plaster of paris (see Gypsum).		
Podophyllin, dms.....lb.	8.75 -	9.00
Pokeroot, bls.....lb.	.19 -	.20
Polystyrene, plain colors, dms., 20,000 lbs., works, frt. alld. lb.	.32 -	—
20,000 lbs., frt. alld.....lb.	.33 -	—
smaller lots, frt. alld....lb.	.34 -	.36
Water-clear, polystyrene, 7c. per lb. less than plain colors.		
Pomegranate, root bark, bgs...lb.	.75 -	.76
Poppy flowers, bls.....lb.	.60 -	.70
Seed, Canadian, Danish, bgs., lb.	.38½-	.39
Domestic, blue, bgs.....lb.	No stocks	
Dutch, ...lb.	.39 -	.40
Indian, white, bgs.....lb.	No stocks	
South American, bgs.....lb.	.45 -	.46
Potash abietate.....lb.	.06 -	—
Arsenite, USP, solut., cbys., cns. .....lb.	.31 -	.33
Arsenite, USP, solut., cbys., djns..lb.	.13 -	.15
Bicarbonate, USP, cryst., gran., bbls., dms..lb.	.10 -	.21
Bichromate,[1] bgs., c.l., works. lb.	.10 -	—
l.c.l., works.....lb.	.10½-	.10¾
Potash bichromate in bbls. ½c. higher.		
Borate, gran., bbls., N. Y. or Chi..lb.	.1015-	—
Bromide, USP, gran., 500-lb. bbls., dms..lb.	.25 -	—
100-lb. kgs.....lb.	.26 -	—
Carbonate, cal., bbls., c.l., works..lb.	.06½-	—
l.c.l., same basis.....lb.	.06¾-	—
hydrated, 82-85%, bbls., c.l., works..lb.	.05½-	—
dms., l.c.l., same basis..lb.	.05¾-	—
USP, gran., bbls., dms....lb.	.14 -	.20
powd., bbls., dms.....lbs.	.19 -	.21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works..... 100 lbs.	9.31 -	—
l.c.l., works....100 lbs.	9.63½-	—
96% basis, liquid, dms., c.l., works..100 lbs.	8.56 -	—
l.c.l., works....100 lbs.	8.68½-	—
tanks, works.....100 lbs.	8.06 -	—
solid, dms., c.l., works.. 100 lbs.	8.93 -	—
l.c.l., works....100 lbs.	9.06½-	—



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Phosphorous Oxychloride $POCl_3$ Mol. Wt. 153.35	SPECIFICATIONS
Water-white to yellow liquid	
Crystallizing point	0.8° C Min.
Assay	99.0% Min.
Distillation range:	
First drop	106.0° C Min.
95% (1–96 ml.)	1.5° C Max.
Dry Point	108.5° C Max.
PCl_3	0.20% Max.
PCl_5	trace Max.
H_3PO_4	0.30 Max.
HCl	0.50 Max.
Free Chlorine	trace Max.
Iron	0.0005% Max.

Phosphorous Trichloride PCl_3 Mol. Wt. 137.35	SPECIFICATIONS
Water-white liquid	
Sp. Gr. at 15.5/15.5°C	1.582 — 1.587
Distillation range:	
First drop	74.5° C Min.
Dry point	79.0° C Max.
Total range	3.0° C Max.

Potash caustic, regular, flake, 88-92%, dms., c.l., works.. lb.	.07	—
l.c.l., works..... lb.	.07½	.07½
liquid, 45% basis, dms., c.l., works, frt. alld.. lb.	.03½	—
l.c.l., same basis.... lb.	.03¼	.03½
tanks, same basis.... lb.	.02½	—
solid, 88-92%, dms., c.l., works.. lb.	.06¼	—
l.c.l. ..... lb.	.06½	.06¾
Chromate, bgs..... lb.	.24	.28
Chlorate,[1] cryst., kgs., c.l., works.. lb.	.11	.11¾
l.c.l., works..... lb.	.119	.13
powd., dms., kgs., c.l., works, lb.	.09¾	—
l.c.l., works..... lb.	.119	.13
export, 1 to 10 tons, kgs., ex whse.. lb.	.16	.18
Chloride, tech., cryst., 96%, bgs., kgs.. lb.	.08	Nom.
Citrate, USP, gran., bbls., dms., lb.	.38½	.39½
powd., 5c. per lb. higher.		
Cyanide, dms., works..... lb.	.55	—
Fluoride, bbls..... lb.	.34	.40
Glycerophosphate, 75% s o l., cns., cbys.. lb.	1.65	1.67
dms., 1,000-lb. lots..... lb.	1.50	—
100-lb. lots..... lb.	1.60	—
Guaiacolsulphonate, NF, dms. lb.	1.65	1.85
Hydroxide, USP, sticks, dms. lb.	.34	.36
Hypophosphite, cns..... lb.	.72	.75
Iodate, bots., 5 lbs..... lb.	3.46	—
cns., 25 lbs..... lb.	3.36	—
Iodide, bots., cns..... lb.	1.44	1.48
dms. ..... lb.	1.36	1.38
Manure Salt, 22%, K_2O, Carlsbad, N. M..unit-ton.	.20	—
25% K_2O, same basis..... unit-ton.	.21	—
Potash, metabisulphite, gran., bbls.. lb.	.19	.21
powd., bbls..... lb.	.25	—
Muriate, dom., 60-62-63%, K_2O, bulk, ex vessel, ports..... unit-ton.	.53½	—
granular, 50-52% K_2O.... unit-ton.	.53½	—

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 5c. per unit of K_2O less than ex vessel price at Pacific coast ports.

Nitrate (see Saltpeter).		
Oxalate, neutral pure, gran., bbls., dms.. lb.	.37	.50
tech. fine gran., bbls., dms. lb.	.28	.31
Perchlorate, kgs., works.... lb.	.09¾	.11
Permanganate, tech., dms., works.. lb.	.19¾	.20¼
USP, dms., works..... lb.	.20½	.21
Persulphate, dms., c.l., works, lb.	.16	—
l.c.l., same basis..... lb.	.20	—
Prussiate, red, kgs..... lb.	.50	.55
Yellow, bbls..... lb.	.16	.17
Ricinoleate, tech., bbls..... lb.	.18	—
Silicate, glass, bgs., c.l., wks. ton.	200.00	—
l.c.l. .....160 lbs.	15.25	—
solution, 20° Be, ret. drums, c.l., works..100 lbs.	4.25	—
l.c.l., 5 or more, works, 100 lbs.	5.00	—
1-4, works.....100 lbs.	5.50	—
22° Be, ret. dms., c.l., wks. 100 lbs.	4.75	—
l.c.l., 5 or more, works, 100 lbs.	5.50	—
1-4, works.....100 lbs.	6.00	—

Potash silicate, solution, 40.5° Be, ret. dms., c.l., works. 100 lbs.	5.75	—
l.c.l., 5 or more, works, 100 lbs.	6.50	—
1-4, works.....100 lbs.	7.00	—
Sulphate, NF, gran..... lb.	.14	.20
powd., bbls..... lb.	.15	.21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min. 90% ex vessel, Atl. or Gulf ports.. ton.	36.25	—
Sulphocyanide, NF, dms..... lb.	.70	.75
Thiocyanate, bbls..... lb.	.62	.65
kgs. ..... lb.	.70	.75
Xanthate, dms., c.l..... lb.	.12	—
Potash-gold cyanide, 41% gold, bots., works..oz.	14.30	-14.96
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton.	26.00	—
Potash-soda ferricyanide, kgs., works.. lb.	.40	.43
Potash-titanium oxalate, bbls., dms.. lb.	.45	.50
Prickly ash bark, bls..... lb.	.23	.25
Berries, bgs..... lb.	.20	.21
Prince's pine herb, bls..... lb.	.60	.61
Procaine hydrochloride, cns., 100-lb. lots.. lb.	4.00	—
smaller lots..... lb.	4.25	4.75
Propane,[1] industrial grade, tanks, Group 3..gal.	.03¾	—
Propyleneglycol, dms., c.l., frt. alld. in E.. lb.	.15½	—
l.c.l., same basis..... lb.	.16½	—
tanks, same basis..... lb.	.14½	—
Psyllium seed (see Fleaseed).		
Pulsatilla, bls..... lb.	.65	.66
Pumice,[1] grd., fine, bgs., ton lots, lb.	.03¾	—
smaller lots..... lb.	.09¾	.64
coarse, 0-¼, 1, 1¼, 2, 3, bgs., ton lots.. lb.	.03¾	—
smaller lots..... lb.	.03¾	.04¼
Chi., ton lots..... lb.	.04½	—
Pumice in bbls. is ½c. per lb. higher.		

Pumpkin seed, bgs..... lb.	No stocks	
Purple lake (see Red).		
Putty, com'l, dms.....100 lbs.	3.15	—
linseed oil, raw, dms....100 lbs.	5.00	—
refined, dms.....100 lbs.	5.50	—
standard, dms.....100 lbs.	4.20	—
Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, dms., works.....lb.	9.25	- 9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., dms., regular base, works..gal.	7.15	—
odorless base, dms., works, gal.	7.25	—
(20 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.	10.65	—
Flowers, fine-grd., 0.9% pyrethrins, bbls., works..lb.	.33¾	—
powder, 0.5% pyrethrins, bbls., works..lb.	.25	—
Pyridin, denaturing, ret. dms., works, frt. equald..gal.	1.55	- 1.60
refd., 2°, ret. dms., same basis. lb.	.45	- .45½
Pyrites, Spanish, c.i.f. Atl. ports. long ton.	8.00	-10.00
Pyrocatechin (see Catechol).		
Pyronate, dms., works.....gal.	.75	- 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton.	10.00	-11.50
325 mesh, same basis....ton.	13.00	-13.90
No. 3, 200 mesh, c.l., mines.ton.	9.50	—
325 mesh, same basis.....ton.	11.50	—
Pyrophyllite in paper bgs., $1.50 per ton extra.		
Pyroxylin, transparent, cs., wks. lb.	.19	—
black, cs., works..... lb.	.17	—
China, white ivory, cs., works. lb.	.17	—
dense, white, cs., works..lb.	.17	—
gray, cs., works..... lb.	.17	—
mixed, mottled, cs., wks.lb.	.14	—
translucent pastels, cs., works..lb.	.17	—
transparent, cs., works..lb.	.19	—
colors, cs., works..... lb.	.17	—
shavings, amber, cs., works..lb.	.17	—
mixed colors, cs., works..lb.	.14	—
white, cs., works..... lb.	.17	—

Q

Quassia chips, bls..... lb.	.08	- .09
Quebracho extract,[1] solid, 65%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account.. lb.	.05¾	- .05¼
clarified, 64%, bgs., c.l., same basis.. lb.	.06¼	- .06¾
dissolved, 25%, tan., bbls., works.. lb.	.04575	- .0525
tanks, works..... lb.	.04075	—
ground, 70%, bgs., c.l..... lb.	.069	—
l.c.l., bgs..... lb.	.0915	—
Queen of the meadow root, bgs. lb.	.11	- .12
Quercitron, crystals, bbls..... lb.	.26	—
extract, bbls., No. 1..... lb.	.10	—
No. 2..... lb.	.09½	—
No. 3..... lb.	.09	—
solid, bxs..... lb.	.18½	—
Quicksilver, flasks (76 lbs. net).. flask.	104.00	-109.00
Quince seed, bgs..... lb.	1.30	- 1.75
Quinidine,[6] NF V, cryst., cns. oz.	No stocks	
powd., precip., cns..... oz.	No stocks	
Sulphate, USP, cns..... oz.	No stocks	
Quinine,[6] NF, cns., 100 ozs... oz.	No stocks	
Acetate, cns., 100 ozs..... oz.	No stocks	
Arsenate, cns., 100 ozs..... oz.	No stocks	
Arsenite, cns., 100 ozs..... oz.	No stocks	
Bisulphate, USP, cns., 100 ozs. oz.	No stocks	
Dihydrobromide, bots., 50 ozs.. oz.	No stocks	
Citrate, cns., 100 ozs..... oz.	No stocks	
Ethylcarbonate, USP, cns., 100 ozs..oz.	No stocks	
Ferrocyanide, cns., 100 ozs.. oz.	No stocks	
Formate, cns., 100 ozs..... oz.	No stocks	
Glycerophosphate, cns., 100 ozs. oz.	No stocks	
Hydrochloride, USP, cns., 100 ozs..oz.	.89½	—
Hydrochlorosulphate, cns., 100 ozs..oz.	No stocks	
Hydroiodide, cns., 100 ozs..oz.	No stocks	
Hypophosphite, cns., 100 ozs.oz.	No stocks	
Phosphate, NF, cns., 100 ozs.. oz.	No stocks	
Salicylate, NF, cns., 100 ozs.oz.	No stocks	
Sulphate, USP, cns., 100 ozs.oz.	.80½	—
Sulphocarbolate, cns., 100 ozs.. oz.	No stocks	
Tannate, USP X, cns., 100 ozs. oz.	No stocks	
Tartrate, cns., 100 ozs..... oz.	No stocks	
Valerate, NF IV, 100 ozs...oz.	No stocks	
Quinine-urea hydrochloride,[6] USP, cns..oz.	No stocks	
Quinoline, dms., c.l., works...lb.	.24½	- .50

R

R salt, dry, bbls..... lb.	.65	—
paste, dms..... lb.	.52	—
Raspberries, dried, bls..... lb.	1.75	- 1.80
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb.	1.10	- 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.) (El Paso, 3c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium lithopone, deep shade, bbls., E. Rockies..lb.	1.00	—
light shade, bbls., same basis..lb.	.85	—
medium shades, bbls., same basis..lb.	.90	—

Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.

Selenide, dark, bbls., works. lb.	2.50	—
light, same basis..... lb.	2.20	—
Orange (see Orange).		
Carmine, No. 40, dms., 100-lb. lots, works..lb.	4.90	—
smaller lots, same basis..lb.	4.75	- 5.25
Crocus Martis (see Red, purple oxide).		
Dyes (see Dyes, coaltar).		
Eosin toner, bbls., works....lb.	1.85	—
Firetoner, dom., bbls., works.lb.	.85	—
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb.	.69½	—
30-35%, bbls., same basis.lb.	.69½	—
Imp., English, all shades...lb.	.12	—

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Chemical Sales Division

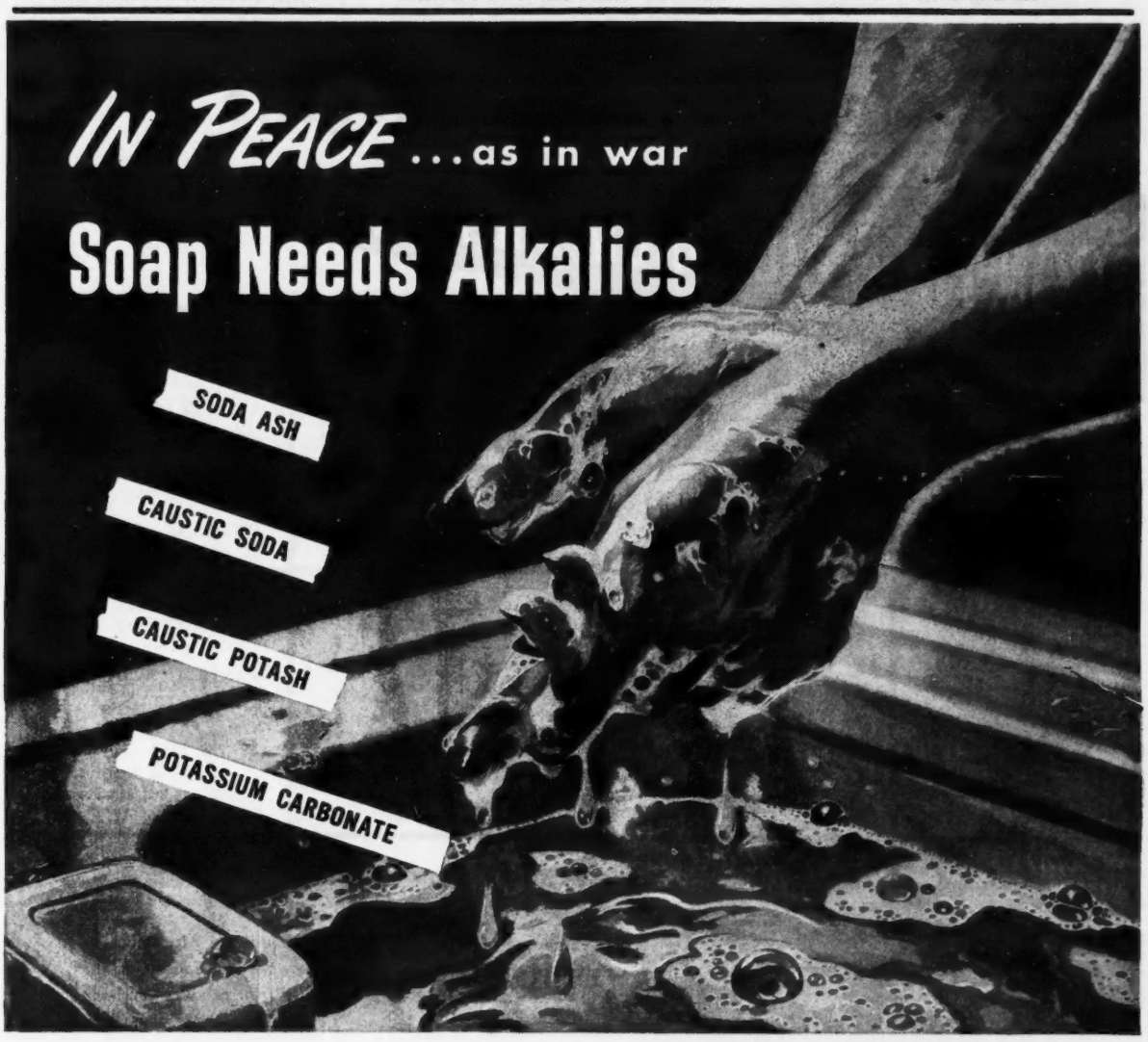
Pittsburgh Coke & Chemical Company

Grant Building Pittsburgh, Pennsylvania

Red, iron oxide, pure, bbls....lb. .09 - .09½
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08½- —
80% copperas oxide, bbls., same basis..lb. .085 - .094
Lacquer, maroon, bbls., wks. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .26
Rose lake, bbls., works...lb. .25 - .30
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 20% kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide, tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works.....lb. 2.62 - —
Metallic, bbls., works.....lb. .02 - —
Oxide (see Red, iron oxide).
Para toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.60 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04½- .07½
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½ - —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .03½- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .35 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate, NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP, cryst., dms., frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .15 - .16
Rhubarb, whole, cs.....lb. .42 - .45
powd., bbls.....lb. .46 - .48
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, gran. powd., bbls., 5,000 lbs., 1 ship't..lb. .36½- —
smaller lots.....lb. .39 - .42
Rose flowers, pale, bls.....lb. .55 - .58
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .11 - .11½
Spanish, bls.....lb. .13½- .14½
Rosin, gum,[1,7]—
B, dms., c.l.....100 lbs. 6.60 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.20 - —
F, dms., c.l.....100 lbs. 7.26 - —
G, dms., c.l.....100 lbs. 7.42 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.46 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
W.G., dms., c.l.....100 lbs. 7.91 - —
W.W., dms., c.l.....100 lbs. 8.16 - —
X, dms., c.l.....100 lbs. 8.16 - —
Wood,[1,7] B (resin), dms., c.l., works..100 lbs. 3.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works... 100 lbs. 5.40 - —
Rotenone,[1] bbls., works.....lb.10.90 -13.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone,[1] bgs., c.l., mines.. ton.35.50 - —
l.c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .48 - .50

S

Sabadilla seed, powd., bbls....lb. .45 - .48
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Persian, tins.....lb.48.00 - —
Spanish, NF, tins.....lb.38.00 -38.50
Safrol, cns.....lb. .90 - .98
Sage, Calif., leucophylla, bgs., Pacific coast..lb. .30 - .32
Dalmatian-type, No. 1, bgs., Pacific coast..lb. .95 - .98
Cyprus, good, bls.....lb. .24 - .24½
fair, bls., futures.....lb. .18½- .19
Greek, bls.....lb. .28 - .29
Palestine, bls.....lb. .16 - .16¾
Spanish, bls.....lb. .16 - .16¼
Washington, Dalmatian - type, bls..lb. .60 Nom.
Sage flour, bgs.....lb. .65 - .65½
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .98
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.60 -22.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.25 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.55 - 9.60
Sanguinarine nitrate, bots.....oz. 2.75 - —
Santonin, cryst., powd., cns.kilo.170.00-185.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .25 - .27
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .22 - .23
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .79
Spanish, bls.....lb. .23½- .25
Saw palmetto berries, bgs....lb. .30 - .31
Simarubra bark, bls.....lb. .55 - .60
Skullcap, Eastern, bls.....lb. .60 - .65
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs., c.l., works.ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .95 - .96
Blue, ctns.....lb. .97 - .98¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .15 - .16
crushed, bls., bbls.....lb. .18 - .19
cut, dom., bls., bbls.....lb. .20 - .21
imp., bbls.....lb. No stocks
powd., bbls.....lb. .21 - .22
Soda acetate, anhyd., dms., divd. lb. .08½- .10
NF, cryst., bbls., kgs.....lb. .14 - .16
tech., 60%, l.c.l., divd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60
Aluminate, for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., divd.....lb. .16 - .16½
Arsenate, dms., dealers, c.l., works..lb. .09¾- —
l.c.l., works.....lb. .10¾- .11¼
Arsenite, gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., divd., zone 1... 100 lbs. 2.18 - —
2 .....160 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.86 - —
Shellac, TN, 100 bgs., Boston, N. Y..lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works.. ton.17.00 - —
l.c.l., works.....ton.20.00 - —
400 mesh, bgs., c.l., works.. ton.18.00 - —
l.c.l., works.....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works. ton.30.60 - —
l.c.l., works.....ton.35.00 -38.00
96%-98%, 325 mesh, bgs., c.l., wks..ton.20.00 - —
l.c.l., works.....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.22.00 -25.00
hard-quarts, 99½%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47¾- —
smaller lots.....oz. .47½- .47¾
Neucleinate, USP, bots., dms.. oz. .358 - .358
Proteinate, USP, bots., dms.oz. .288 - .338



Soap that builds up longer-lasting suds . . . soap with new ingredients for more effective use . . . soap that won't jell . . . Out of wartime research have come new types and forms of improved soap. Basic to soap making are alkalies and related products . . . proving that in peace as in war alkalies are indispensable!

SOLVAY SALES CORPORATION *Alkalies and Chemical Products Manufactured by The Solvay Process Company*

Soda ash, dms., 58%, bbls., c.l., works, Zone 1..100 lbs. 1.35 - —
l.c.l., zone 1.....100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.18 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.18
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works..100 lbs. 1.36 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls, excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1] bgs., c.l., works, lb. .07¾- —
l.c.l., works.....lb. .07¾- .06½
Soda bichromate in bbls. ½c. higher.
Biduoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls. c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Soda bromide, USP, gran., bbls., 500 lbs., works..lb. .25 - —
fiber dms., 100 lbs., works, lb. .26 - —
Cacodylate, bots., dms.....lb. 9.00 -12.00
Carbonate (see Soda ash, Soda monohydrate Soda sal).

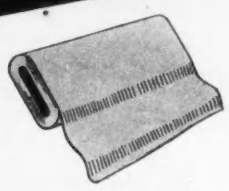
Soda, caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd.100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works. 100 lbs. 1.95 - —
70%, buyer's tanks, works. 100 lbs. 1.97½- —
seller's tanks, works. 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd. 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —
Caustic soda zones are same as soda ash.
Chlorate, cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06¼- —
l.c.l., works.....lb. .07 - .08½
Chloride (see Salt).
Chromate, 1,[5] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09½- .09¾
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide, 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhydrous, dms., dlvd.....lb. .12½- —

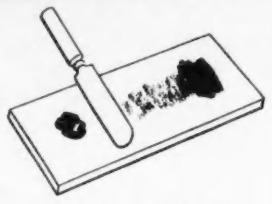
Soda, fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0653- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms. .....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .86
Hydrosulphite, dms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .26
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works.. 100 lbs 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .13
Iodate, dms., jars.....lb. 5.40 - 5.45
Iodide, bots.....lb. 2.33 - 2.37
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .0485- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs, c.l., dlvd.....lb. .0435- —
l.c.l., N. Y., or Chi....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.... 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l, works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molydbate,[1,6] anhyd., kgs., works..lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.80
flake, dms., c.l, works100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l, works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks. lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide, dms., c.l., dlvd., E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.20
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP XII, dried, bbls., dms., works..lb. .159 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
cryst., bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.10 - —
kgs., c.l., works....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 3.80 - —
Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).
Prussiate, yellow, bgs.....lb. .10¾- —
bbls. .....lb. .11 - —
Pyrophosphate, ferric, dms., 10,000 lbs., works..lb. .22 - —
smaller lots, works.....lb. .22½- —
tetra-basic, anhydrous, bgs., c.l., works, frt. equald.. 100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.95 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, spot, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.18.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb. .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls.....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.10
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90

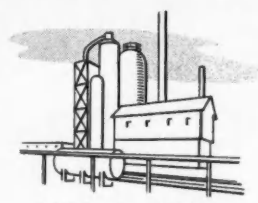
Do Your Operations Require

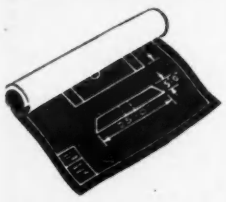
IRON-FREE ALUMINUM SULFATE ?

New Product?


Textile Processing

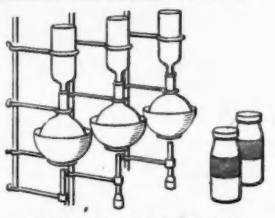

For Color Lakes and Pigments


In Catalysts for Oil Refining


Sizing Special Papers

Leather Tanning

Raw Material for Other Industrial Chemicals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GROUND

Size: Thru 8 Mesh

Packing: Barrels or Drums, 380 lbs. net

Paper bags, 100 lbs. net

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Soda sulphite, cryst., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works.... 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP 1X, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 68%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .08 - —
tanks, 100% basis, works. lb. .03¾- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[1,6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms., lb. 2.50 - 2.80
Solvent naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire enamel, ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol, com'l, dms., c.l., works, lb. .16¾- —
l.c.l., works... .....lb. .17¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bxs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Stearin, also (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.15 - 1.40
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms.lb. .52 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¾- .09¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs. oz. .88 - —
Hypophosphite, cns., 100 ozs.oz. 1.00 - —
Nitrate, NF, cns., 100 ozs..oz. .62 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .55 - —
powd., cns., 100 ozs.....oz. .45 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
fb. dms.....lb. 1.05 - 1.25
Sulphanilamide, 20-80 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.80
Sulphathiozole, dms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.95
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .20
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
flour, light, bgs., c.l., works, 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l. wks. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 25c. higher.
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.c.l. works.....100 lbs. 2.65 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.85 - —

Sulphur chlorides, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .06 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto., unit-ton. .95 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .64
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 85½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $3.03 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more, a.p.a., bulk, producing points, Florida .....unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 45% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.20 - 1.30

T

Talc,[1] dom., ordinary, grd., bgs., c.l., works..ton.14.50 -34.50
l.c.l., works.....ton.14.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works. ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
grd., fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.95 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l.....lb. .10 - .10½
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,8] f.o.b. Brazil..lb. .06½- —
delivery N. Y.....lb. .07 - .07½
Java, bgs.....lb. No stocks.

Tar acid oil, 15-19%, dms., c.l., works..gal. .30½- —
l.c.l., works.....gal. .32½- —
25%, dms., c.l., works...gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l. ex dock, U. S. ports..long ton.118.00 - —
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .54
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .28½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .34 - .50
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .06 - .06½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.

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ANTIMONY SULPHIDE
ASBESTOS
ATOMITE
BARIUM SULFATE
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BENTONITE
BLACKS
BLANC FIXE
BLUE
BORAX
BORIC ACID
CALCITE
CALCIUM CARBONATE
CALCIUM HYDROXIDE
CALCIUM OXIDE
CALCIUM STEARATE
CALCIUM SULFATE
CASEIN
CHALK
CLAYS
CLIFFSTONE WHITING
COLORS
CORN DEXTRINE
CORN STARCH
COSMETIC COLORS
CROCUS MARTIS
CHROMIUM OXIDE GREEN
DENTAL PLASTER
DIATOMACEOUS EARTH
EARTH COLORS
EARTHS
FELDSPAR
FIBROUS TALC
FILTER AIDS
FILTERING EARTHS
FLINT
FLUORSPAR
FORMALDEHYDE DUST
FOSSIL FLOUR
FULLERS EARTH
GRAPHITE
GREEN HOUSE SHADING
GROUND GLASS
GYPSUM
HYDRATED LIME
HYDRO MAGMA
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MAGNESIUM STEARATE
MAGNESIUM TRISILICATE
MARBLE
MARBLE CHIPS
MICA GROUND
NON-SLIP CHIPS
OCHRE
OPTICAL ROUGE
ORTHOPEDIC PLASTER
PARIS WHITE
PLASTER PARIS
PLUMBAGO
PUMICE STONE
PUTTY POWDER
PYRPHYLLITE
QUARTZ
RED OXIDE
RICH STARCH
ROTTENSTONE
ROUGE
SERICITE
SIENNAS
SILEX
SILICA
SLATE
SOAPSTONE
SOAPSTONE CRAYONS
SOLAR SHADE
STEARATES
STEATITE
STEARIC ACID
TALC
TALC CRAYONS
TERRA ALBA
TERRAZZO STRIPS
TIN OXIDE
TITANIUM DIOXIDE
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ZINC OXIDE
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Theobromine,[1] dms., 25-lb. lots..lb. 2.60 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .93
Spanish, bls.....lb. .15½- .16
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 2.40 - 2.80
Timbo root, (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6] .....lb. .53 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[1,6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .51 - .53
Titanium dioxide,[1] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15½- .15¾
nonchalking,[1,6] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Calcium, base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c. higher; Pac. coast ½c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.20
technical, 55-gal. dms., works. lb. .22 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 2.05 - 2.10
Toluidin base, distilled, bgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene) coaltar, 2° indust., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnesqua, Colo..gal. .27 - —
1° nitration, rct. dms., works, gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 can., lots, cs. .52 - —
Triacetin, dms., works.....lb. .28 - .29
Triamylamine, dms., c.l., works, lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .80 - .81
smaller pkgs.....lb. .84 - .49
Phosphate, cns., l.c.l., dlvd..lb. .86 - .88
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .09 - —
l.c.l., frt., alld.....lb. .09½- —
tanks, frt. alld.....lb. .07½- —
Trichloroethane, dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .06 - —
Zone 2, frt. alld.....lb. .06½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis, Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate, tech., cns. works..lb. .28 - .33½
dms, c.l., dlvd.....lb. .28 - —
l.c.l., dlvd. .....lb. .33½- —
tanks, dlvd.....lb. .24 - —
Triethanolamine, dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., basis 100%, c.l., works..lb. .34 - —
l.c.l., works.....lb. .36 - —
tanks, works.....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate, bbls., c.l., frt. alld..lb. .26 - —
l.c.l., same basis.....lb. .27 - .27½
Tripoli,[1] air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works. ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root (see Cube root).
Tungsten metal, powd., 98-99.7% dms., works..lb. 2.00 - 5.40
Oxide, kgs.....lb. No prices.
Turmeric root, Allepey, bls., futures..lb. .18 - .18½
Haitian, bls., Miami or New Orleans..lb. .10 Nom.
Madras, bgs.....lb. .17¼- .17¾
Turpentine, gum,[1] rct. dms..gal. .93½- .94½
Wood,[1] d.d., dms., East....gal. .68 - .70
tanks, East.....gal. .60 - —
steam-dist., rct. dms., East. gal. .80 - .82
tanks, East .....gal. .74 - .76
Sulphate, rct. dms.....gal. .68 - .76

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.85 - —
yellow, kgs.....lb. 1.65 - —
Urea, dms., 46% N., bgs., c.l., works or ship. pts..ton.62.00 - —
l.c.l. ship. pts.....ton.70.00 -65.00
Import, pure, cs.....lb. .12 - —
Fertilizer compn., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.39.00 - —
Urea-ammonia liquor, fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton.112.00- —
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton.116.00 - —
C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations
Urunday, c.l., ex dock, in bond, lb. .05 - —
Urunday price based on ocean frt., at $12 insurance $1 per lb.
Uva ursi leaves, bls.....lb. .19 - .20

V

Valerian root, Belgian, NF, bls., lb. .59 - .60
Indian, bls.....lb. .52 - .53
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium[1] pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins.....lb. 2.50 - 2.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Vanillin, ex lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate, obys., works....lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
30 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, rct. dms., works.lb 1.50 - —
Viosterol (irradiated ergosterol), bots., mil., units. .10 - .12
in corn oil (see Calciferol).
Vitamin A (see Oils, codliver, halibut-liver)
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol)
D_2 (see Calciferol).
E (see Alphatocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide)
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1,8] E. Africa, bgs., f.a.s..ton.53.00 - —
S. Afr., bgs., f.a.s.....ton.53.00 - —
extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04¾- .05¼
solid, E. Afr., 61% tannin, ex dock..lb. .05595- .05845
S. Afr., merchantable, bgs., f.a.s..ton.53.00 - —
fair average, bgs., f.a.s... ton.55.50 - —
fair quality, bgs., f.a.s... ton.58.00 - —
Wax, amorphous (see Wax, microcrystalline).
Bayberry, bgs.....lb. No stocks
Bees, bleached, USP, white, bricks, cakes, cases..lb. .62 - .65
slabs, bgs.....lb. .60 - .62
crude, pure, African, bgs.lb. .45 - .47
Western hemisphere, bgs.lb. .51 - .53
refined, yel. bricks, bgs.....lb. .56 - .58
cakes, slabs.....lb. .55 - .57
Candelilla, bgs.....lb. .70 - .72
Carnauba, chalky, No. 3, bgs., ton lots..lb. No stocks
smaller lots.....lb. 1.25 - 1.30
North Country, No. 2, bgs., ton lots..lb. No stocks
smaller lots.....lb. 1.30 - 1.35
No. 3, bgs., ton lots.....lb. No stocks
smaller lots.....lb. 1.35 - 1.40
refined, bgs., ton lots...lb. No stocks
smaller lots.....lb. 1.45 - 1.50
yellow, No. 1, bgs., ton lots. lb. No stocks
smaller lots.....lb. 1.60 - 1.65
No. 2, bgs., ton lots.....lb. No stocks
smaller lots.....lb. 1.65 - 1.70
No. 3, bgs., ton lots....lb. No stocks
smaller lots.....lb. No stocks
Ceresin, dom., 132°-136° m.p., bgs..lb. .12½- .13½
138°-140° m.p., bgs.....lb. .14 - .15
158°-162° m.p., bgs.....lb. .19 - .22
Japan,[6] cs.....lb. No stocks
Micro - crystalline, 170° - 175° m.p., A.S.T.M., amber, ctns., 20 tons yearly, contract, group 3, works. lb. .14½- —
amber, ctns., smaller lots, same basis...lb. .14½- .15½
black, ctns., 20 tons, same basis...lb. .12¾- —
smaller lots, same basis, lb. .13 - .13½
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis...lb. .16¼- —
smaller lots, same basis, lb. .16½- .17¼
black, ctns., 20 tons, same basis..lb. .14¾- —
smaller bots., same basis, lb. .15 - .15¾
white, ctns., 20 tons, same basis..lb. .24¾- —
smaller lots, same basis, lb. .25 - .25¾
Montan, domestic, bgs.....lb. No stocks
Ouricury, crude, bgs., ton lots. lb. No stocks
smaller lots.....lb. 1.00 - 1.10
refined, bgs., ton lots.....lb. No stocks
smaller lots.....lb. 1.10 - 1.20
powdered ouricury prices same as candelilla.
Wax, paraffin (see P).
Spermaceti, blocks, cs.....lb. .27 - .32
cakes, cs.....lb. .28 - .33
White lead (see Lead, white).
White precipitate, powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .14 - .15
Whiting,[1] chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l...ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00

—Continued on page 58

Synthetic Resins and other Branded Paint Materials
(Manufacturers' List Prices)

A

Analyn (see methyl abetate in Current Market Quotations)
Acryloid, acrylic ester type, A-10 (30% in cellosalve acetate), bbls., c.l....lb. .36 - —
10 dms.—1 to 9 dms.lb. .37 - .38
Acryloid, B-7 (30% in ethylene dichloride), bbls., c.l..lb. .28 - —
10 dms.—1 to 9 dms.lb. .29 - .30
B-72, B-73 (40% in toluol), bbls., c.l..lb. .42 - —
10 dms.—1 to 9 dms.lb. .43 - .44
C-10 (20% in ethyl acetate), bbls., c.l..lb. .28 - —
10 dms.—1 to 9 dms.lb. .29 - .30
C-10LV (40% in toluol), bbls., c.l..lb. .44 - —
10 dms.—1 to 9 dms.lb. .45 - .46
C-5 (20% in toluol), bbls., c.l.lb. .22 - —
10 dms.—1 to 9 dms.lb. .29 - .30
F-10 (40% in mineral thinner and No. 3 solvent), bbls., c.l..lb. .42 - —
10 dms.—1 to 9 dms.lb. .43 - .44
SF-100 (100% in solids), dms., c.l..lb. .60 - —
10 dms.—1 to 9 dms.lb. .61 - .62
Acrysol, C-9, dms., 10 dm., 1-9-dm. lots..lb. .38 - .38¾
ER, MR, dms., c.l., 10 dm., 1-9-dm. lots..lb. .42 - .44
WA-5, dms., 10 dm., 1-9-dm. lots..lb. .42½- .43

Acryloid and Acrysol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Aquaplex (resin emulsion type), S-6, bbls., c.l..lb. .14 - —
l.c.l. .....lb. .14½- —
AM-92, bbls., c.l.....lb. .14 - —
l.c.l. .....lb. .14½- —
Aroclors, distilled, dms., c.l., works, lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works.lb. .15½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

B

Bakelite, phenolic resins, rosin reactive, XR-15775, non-ret. dms., ton, works..lb. .32½- —
single dm. and less..lb. .34 - .36½
XR-15778, non-ret. dms., ton, works..lb. .50 - —
single dm. and less..lb. .50½- .53
Bakelite, C-9 resins, liquid types, oil modified, BR-14590, non-ret. dms., ton, works lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15780, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
BR-16640, non-ret. dms., ton, works..lb. .34 - —
single dm. and less.....lb. .34½- .37
100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret. bbls., ton, works..lb. .33 - —
single dm. and less, works..lb. .33½- .36
100% phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35½
dark, non-heat hardening, BR-1329, non - ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
BR-9484, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26- .28½
BR-9476, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-10282, non-ret. bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .32½- .35
BR-14634, non-ret. bbls., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works lb. .15 - —
single dm. and less..lb. .15½- .18
BR-13200, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
oil modified, BR-302, non-ret. dms., ton, works..lb. .346 - —
single drum and less, works..lb. .351 - .376
BR-2175 (MTO), non - ret. kegs, ton, works..lb. .38 - —
single dm. and less, works..lb. .38½- .41
resin-baking types, BV-1660, ret. dms., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BV-2966 (MTO), non - ret. dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
BV-10675, ret. dms., ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
BV-16607 (MTO), non-ret. dms., ton, works..lb. .313 - —
single dm. and less, works..lb. .317 - .343
dispersion resins, phenolic, BK-3962X, non-ret. dms., ton, works..lb. 27.7 - —
single dm. and less..lb. 28.2 - 30.7
BK-16700, non-ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
non-phenolic, XK-16624, non-ret. dms., ton, works...lb. .22½- —
single dm. and less..lb. .23 - .25½
resin modified, BR-2072, non-ret. single dm. and less, works..lb. .23 - —
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works..lb. .45 - —
single dm. and less..lb. .45½- .49
XR-4357, non-ret. dms., ton, works..lb. .45 - —
single dm. and less, works..lb. .45½- .48
BR-9886, non-ret. bbls., ton, works..lb. .18½- —
single dm. and less..lb. .19 - .21½
XJ-10438, ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
BJ-15406, ret. dms., ton, works..lb. .24 - —
single dm. and less.lb. .24½- .27
rosin-reactive, XR-15775, ret. dms., ton..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, ret. dms., ton...lb. .50 - —
single dm. and less..lb. .50½- .53
C-9, lacquer types, XJ-16580, ret. dms., ton..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15840, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100, M-K, dms., c.l.lb. .17 - —
l.c.l., same basis.....lb. .17½- .18
1101, N-M, dms., c.l.....lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1102, M-K, dms., c.l.....lb. .16 - —
l.c.l., same basis.....lb. .16½- .17
1106, H-G, dms., c.l.....lb. .16¼- —
l.c.l., same basis.....lb. .17 - .17½
1112, WG-N, dms., c.l.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
1113, WG-N, dms., c.l.....lb. .15½- —
l.c.l., same basis.....lb. 16 - .16½
1116, K-1, dms., c.l., same basis. lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
1123, dms., c.l.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
Beckamine, P-138, works, dms., c.l..lb. .22¼- —
l.c.l., same basis.....lb. .22¾- .23½
P-196, dms., c.l.....lb. .26¼- —
l.c.l., same basis.....lb. .26¾- .27½
P-196, accelerator, works, dms., c.l..lb. .23¼- —
l.c.l., same basis.....lb. .23¾- .30½
P-854, works, dms., c.l.....lb. .20¾- —
l.c.l., same basis.....lb. .21¼- .21¾

Beckopol, 1400, M-K, dms., c.l.	lb.	.19½- —
l.c.l., same basis	lb.	.20 - .20½
Beckosol, solid, No. 18, 4-5 (60% M.S.), dms., c.l.	lb.	.26 - —
l.c.l., same basis	lb.	.27 - .28
No. 24, 2-4L (60% toluol), dms., c.l.	lb.	.35½- —
l.c.l., same basis	lb.	.36½- .37½

C

Cumar resin, AX, non-ret. dms., net weight	lb.	.06¼- —
BX, net weight	lb.	.06¼- —
CX, gross weight	lb.	.05¾- —
DX, gross weight	lb.	.05¼- —
EX, gross weight	lb.	.05¼- —
FX, gross weight	lb.	.05¾- —
MH, col. 1	lb.	.11¾- —
1½-2	lb.	.10¾- —
2½-3½	lb.	.09¾- —
5	lb.	.06¼- —
MH	lb.	.10¾- —
P 10°-50° C., col. 2½ and darker,	lb.	.10¾- —
RH	lb.	.10¾- —
RS	lb.	.10¾- —
V col. ½	lb.	.12¾- —
1	lb.	.11¾- —
1½-2	lb.	.10¾- —
2½ and darker	lb.	.09¾- —
W col. ½	lb.	.13¼- —
1	lb.	.13¾- —
1½-2	lb.	.11¾- —
2½ and darker	lb.	.10¼- —

All "P" grades with melting point below 50 degrees C., and grades AX and BX are shipped in steel drums. Grades CX, DX, EX and FX are sold on a gross weight basis. All other grades are sold on a net weight basis and are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankfort, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Durapiex (Alkyd type), A-27 (60% in xylol), bbls., c.l.	lb.	.19½- —
l.c.l.	lb.	.20 - —
A-29 (60% in xylol), bbls., c.l.	lb.	.21 - —
l.c.l.	lb.	.21½- —
C-46HV (60% in mineral thinner)	lb.	.16 - —
l.c.l.	lb.	.16½- —
(100% solids), bbls., c.l.	lb.	.26 - —
l.c.l.	lb.	.26¾- —
C-46 LV (100% solids), bbls., c.l.	lb.	.24 - —
l.c.l.	lb.	.24¾- —
C-48 (60% in mineral thinner), bbls., c.l.	lb.	.17½- —
l.c.l.	lb.	.18 - —
(100% solids), bbls., c.l.	lb.	.28 - —
l.c.l.	lb.	.28¾- —
C-49 (60% in mineral thinner), bbls., c.l.	lb.	.18½- —
l.c.l.	lb.	.19 - —
100% solids, bbls., c.l.	lb.	.29 - —
l.c.l.	lb.	.29¾- —
D-62 (70% in mineral thinner), bbls., c.l.	lb.	.14 - —
l.c.l.	lb.	.16½- —
D-65 (70% in mineral thinner), bbls., c.l.	lb.	.22 - —
l.c.l.	lb.	.22½- —
D-71 (100% solids), bbls., c.l.	lb.	.34½- —
l.c.l.	lb.	.35½- —
D-73 (100% solids), bbls., c.l.	lb.	.24½- —
l.c.l.	lb.	.25½- —
ND-77-B (60% in xylol), bbls., c.l.	lb.	.19½- —
l.c.l.	lb.	.20 - —
AL-210 (100% solids), bbls., c.l.	lb.	.17 - —
l.c.l.	lb.	.17½- —

Durapiex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the states of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Durite, 1301, pale, one drum and over	lb.	.29 - —
smaller lots	lb.	.30 - —

Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, Group "A," A (E.S. 2) non-ret. dms., c.l., works, frt. alld. in U. S. except Ariz., Calif., Colo., Ida., Mont., Nev., N. M., Tex., Utah, Wash., Wyo.	lb.	.16½- —
l.c.l.	lb.	.16 - —
B (E.S. 161), 11 (E.S. 201), c.l., same basis	lb.	.16 - —
l.c.l.	lb.	.16½- —
22 (E.S. 202), c.l., same basis.	lb.	.15 - —
l.c.l.	lb.	.15½- —
25 (E.S. 246), c.l., same basis.	lb.	.10½- —
l.c.l.	lb.	.11 - —
28 (E.S. 203), c.l., same basis.	lb.	.15½- —
l.c.l.	lb.	.16 - —
662 (E.S. 19), c.l., same basis.	lb.	.16½- —
l.c.l.	lb.	.17 - —
666 (E.S. 56), c.l., same basis.	lb.	.15 - —
l.c.l.	lb.	.15½- —
750 (E.S. 94), c.l., same basis.	lb.	.15¾- —
l.c.l.	lb.	.16¼- —
1200 (E.S. 93), 2185 (E.S. 60), c.l., same basis	lb.	.15 - —
l.c.l.	lb.	.15½- —
2000 (E.S. 72), c.l., same basis.	lb.	.15 - —
l.c.l.	lb.	.15½- —
Group "B," B (E.S. 3), c.l., same basis	lb.	.15 - —
l.c.l.	lb.	.15½- —
B-1 (E.S. 15), c.l., same basis.	lb.	.19 - —
l.c.l.	lb.	.19½- —
1-L (E.S. 14), c.l., same basis,	lb.	.16½- —
l.c.l.	lb.	.17 - —
P-V (E.S. 42), 880 (E.S. 207), c.l., same basis	lb.	.16¾- —
l.c.l.	lb.	.17¼- —
2186 (E.S. 209), c.l., same basis	lb.	.16 - —
l.c.l.	lb.	.16½- —
2062 (E.S. 282), c.l., same basis	lb.	.13 - —
l.c.l.	lb.	.13½- —
2063 (E.S. 69), c.l., same basis	lb.	.14½- —
l.c.l.	lb.	.15 - —

Group "A" are standard production items normally carried in the manufacturer's inventory. Group "B" are not always so carried.

F

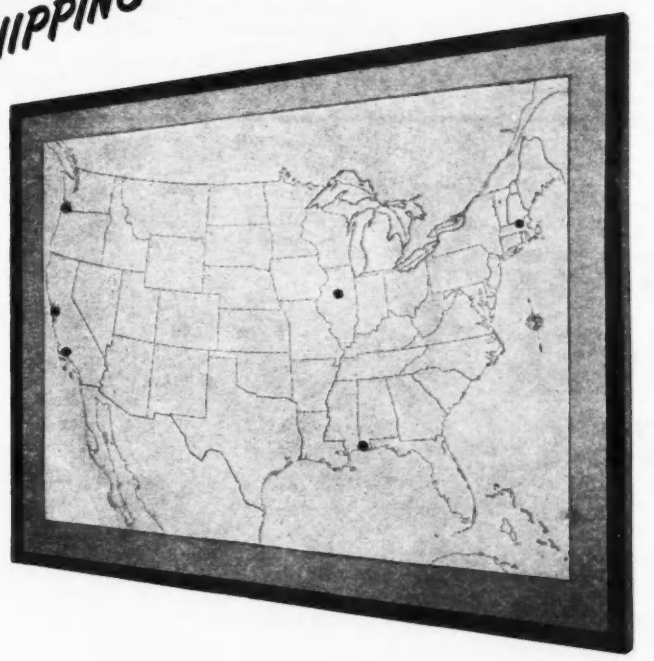
Flexalyn, solid, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.13¾- —
10 dms., same basis	lb.	.14½- —
1-9 dms., same basis	lb.	.16 - —
C, non-ret., black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.13 - —
10 dms., same basis	lb.	.13¾- —
1-9 dms., same basis	lb.	.15½- —
solution, non-ret. dms., c.l., f.o.b. cars, destination, zone 1	lb.	.12¼- —
10 dms., same basis	lb.	.14 - —
1-9 dms., same basis	lb.	.15½- —
C, non-ret. dms., c.l., f.o.b. cars, destination, zone 1	lb.	.12¾- —
10 dms., same basis	lb.	.13½- —
1-9 dms., same basis	lb.	.14¾- —
FCD, Alkyd, 515, non-ret. dms., c.l., works, frt. alld., Zone 1	lb.	.17 - —
l.c.l.	lb.	.17½- —
521, 521-LV, c.l., same basis	lb.	.13½- —
l.c.l.	lb.	.13 - —
525, c.l., same basis	lb.	.13 - —
l.c.l.	lb.	.13½- —
527, c.l., same basis	lb.	.17 - —
l.c.l.	lb.	.17½- —
528, c.l., same basis	lb.	.15¾- —
l.c.l.	lb.	.16¼- —
535, c.l., same basis	lb.	.14 - —
l.c.l.	lb.	.14½- —
538, c.l., same basis	lb.	.15 - —
l.c.l.	lb.	.15½- —
545, c.l., same basis	lb.	.14¾- —
l.c.l.	lb.	.15¼- —
555, c.l., same basis	lb.	.14½- —
l.c.l.	lb.	.15 - —
FCD, alkyd, 565, c.l., same basis	lb.	.17 - —
l.c.l.	lb.	.17½- —
564, c.l., same basis	lb.	.13 - —
l.c.l.	lb.	.13½- —
571, c.l., same basis	lb.	.14¾- —
l.c.l.	lb.	.15½- —
572, c.l., same basis	lb.	.15 - —
l.c.l.	lb.	.15½- —
Maleic, 3-V, non-ret. dms., c.l., works, frt. alld., Zone 1	lb.	.15 - —
l.c.l.	lb.	.15½- —
4, c.l., same basis	lb.	.16 - —
l.c.l.	lb.	.16½- —
6-V, c.l., same basis	lb.	.17 - —
l.c.l.	lb.	.17½- —
4-V, c.l., same basis	lb.	.16½- —
c.l.	lb.	.17 - —
5-V, c.l., same basis	lb.	.16¾- —
l.c.l.	lb.	.17 - —
7-V, c.l., same basis	lb.	.16½- —
l.c.l.	lb.	.17 - —
14, c.l., same basis	lb.	.16 - —
l.c.l.	lb.	.16½- —
modified phenolic, 122, non-ret. dms., c.l., works, frt. alld. Zone 1	lb.	.16½- —
l.c.l.	lb.	.17 - —
140, c.l., same basis	lb.	.17½- —
l.c.l.	lb.	.18 - —
142, c.l., same basis	lb.	.18 - —
l.c.l.	lb.	.18½- —
144, c.l., same basis	lb.	.17½- —
l.c.l.	lb.	.18 - —
197, c.l., same basis	lb.	.16 - —
l.c.l.	lb.	.16½- —
163, c.l., works	lb.	.17½- —
l.c.l., same basis	lb.	.18 - —
165, c.l., works	lb.	.18 - —
l.c.l., same basis	lb.	.18½- —
phenolic, 101, non-ret. dms., c.l., works, frt. alld. Zone 1	lb.	.32 - —
l.c.l.	lb.	.32½- —
FCD, maleic, phenolic, 102, c.l., same basis	lb.	.31 - —
l.c.l.	lb.	.31½- —
poly-hydric ester, 223, non-ret. dms., c.l., frt. alld. Zone 1	lb.	.15½- —
l.c.l., same basis	lb.	.16 - —
processed, 340, non-ret. dms., c.l. and l.c.l., frt. alld. Zone 1	lb.	.32½- —
342, c.l., same basis	lb.	.18¾- —
l.c.l.	lb.	.19¼- —
346, c.l., same basis	lb.	.16 - —
l.c.l.	lb.	.16½- —
347-348, c.l., same basis	lb.	.32 - —
l.c.l.	lb.	.32½- —

G

G, resin, dms., gross weight, works	lb.	.08 - —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs. works	lb.	.39 - —
5,000 to 29,999 lbs., same basis	lb.	.54 - —
200 to 4,999 lbs., same basis	lb.	.86 - —
up to 199 lbs., same basis	lb.	.90 - —
No. 202, 30,000 lbs., works	lb.	.36 - —
5,000 to 29,999 lbs., same basis	lb.	.37 - —
200 to 4,999 lbs., same basis	lb.	.39 - —
up to 199 lbs., same basis	lb.	.86 - —
203, 30,000 lbs., works	lb.	.33 - —
5,000 to 29,999 lbs., same basis	lb.	.39 - —
200 to 4,999 lbs., same basis	lb.	.41 - —
up to 199 lbs., same basis	lb.	.56 - —

"Just look at the locations of those six Bemis Multiwall plants!"

"Yes, that's another reason IT PAYS TO BE A BEMIS MULTIWALL PAPER SHIPPING SACK CUSTOMER!"



The strategic locations of the six Bemis Multiwall plants mean quick service to all sections of the country. • And that's not all . . . working as a team, these plants support each other in filling the needs of Bemis customers. In emergencies, the plant with which an order is placed can depend on five other Bemis plants for assistance in meeting scheduled shipping dates. Such advantages are why folks say: • "It pays to be a Bemis Multiwall Paper Shipping Sack Customer."

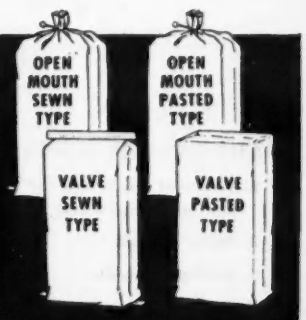
Bemis Multiwall Paper Shipping Sacks

6 PLANTS

Peoria, Ill. · East Pepperell, Mass. · Mobile, Ala. · San Francisco, Calif. · Wilmington, Calif. · St. Helens, Ore.

BEMIS BRO. BAG CO.

OFFICES: Baltimore · Boston · Brooklyn · Buffalo · Charlotte · Chicago · Denver · Detroit · East Pepperell · Houston · Indianapolis · Kansas City · Los Angeles · Louisville · Memphis · Minneapolis · Mobile · New Orleans · New York City · Norfolk · Oklahoma City · Omaha · Orlando · Peoria · St. Helens, Ore. · St. Louis · Salina · Salt Lake City · San Francisco · Seattle · Wichita · Wilmington, Calif.



Designed for use in nitrocellulose lacquers and urea resin finishes, this Glyptal combines excellent flexibility with hardness and toughness. It is recommended for finishes for textiles, paper, leather, metal foil, automotive and aircraft lacquers and similar applications which demand a combination of high flexibility and toughness.

Properties of 2556 Glyptal

Solids content	79-81%
Solvent	Xylol
Viscosity	Z-Z2
Color (Hellige)	4-6
Acid No. of solution	6-8
Pounds per gallon	8.9
Aliphatic solvent tolerance	Fair
Pigment compatibility	Excellent
Air dry—setting time	Nondrying
Hardness	Soft
Flexibility	Excellent
Gloss	Excellent
Color retention	Excellent
Water resistance	Excellent
Oil and gasoline resistance	Excellent
Weather resistance	Excellent
Specific gravity (Resin)	1.14
Phthalic anhydride (Resin)	22%
Rosin or derivatives	None
Phenolic content	None
Oil acids content (Resin)	38%

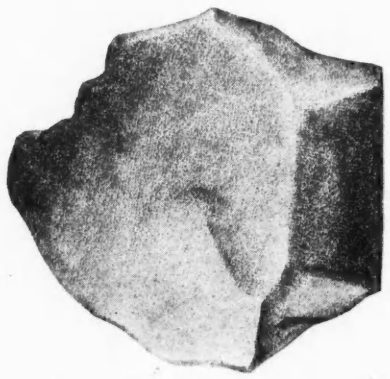
GLYPTAL
ALKYD RESINS

A G-E specialist is always available to discuss your paint problems. Just write to: Section RIMA-263, Resin and Insulation Materials Division, Chemical Dept., General Electric Company, Schenectady 5, N. Y.

GENERAL ELECTRIC
CD46-G5

If just now you are unable to get all the Glyptal resins you want, you will be pleased to know that G.E.'s facilities for manufacturing these quality products are now being expanded to bring production into step with demand.

DUREZ 51056 WAX



This is a true synthetic wax. It is not a blend of wax and resin, nor is it a blend of waxes.

Durez 51056 Wax melts at 284° F. This is almost twice as high as carnauba wax and considerably more than twice as high as candelilla wax.

Durez 51056 Wax is compatible with natural waxes and some synthetic resins.

Durez 51056 films are resistant to alcohol and boiling water. It does not hydrolyze like carnauba.

Durez 51056 was dried in the oven (cast in a 5" disc 1/8" thick) for 24 hours at 212° F. and then boiled in water for 6 hours. Even with this boiling the volume resistivity was 4.10 x 10" ohm centimeters.

SUGGESTED USES:

1. Electrical Insulating and Sealing Compounds.
2. Paste Waxes.
3. Baking Enamels.
4. Printing Inks.

For samples or further information on the above Durez product, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
132 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

Guai-a-phene, dms. (dm. deposit ($4.00), works, 50-55 gals. gal. 2.47 - —
10 gals., two fives, per case, works..gal. 2.97 - —
5 gals., one can per case, works..gal. 3.02 - —
6 gals., six ones in single case, works..gal. 3.72 - —
1 gal., in single carton, works..gal. 3.82 - —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J

Jonite (see zinc-iron oxide pigment in regular list above).

K

Kopol, 500, esterfied, D-R, c.l..lb. .23 - —
l.c.l. .....lb. .23½- .26
501, fused, c.l.....lb. .20 - —
l.c.l. .....lb. .20½- .21

L

Lewisol resin, 2 L, non-returnable light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
l.c.l., 10 dms., same basis..lb. .17 - —
1 dm., same basis.....lb. .17½- —
2S, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
10 dms., same basis.....lb .17 - —
1-9 dms., same basis.....lb. .17½- —
3S, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .17½- —
10 dms., same basis.....lb. .18 - —
1-9 dms., same basis.....lb. .18½- —

Lewisol resin prices are f.o.b. cars, New Eng. and Middle Atlantic States, Va., W.Va., N.C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo. Prices are dms. included, not returnable; net 30 days.

M

Metrenite pigment, 120 and 180 mesh, containers included, c.l., f.o.b. Milwaukee..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers included, c.l., same basis..ton.16.00 - —
l.c.l., same basis.....ton.17.50 - —
325 mesh, containers included, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, containers included, c.l., same basis..ton.27.50 - —
l.c.l., same basis.....ton.38.00 - —

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .14½- —
190, dms., c.l., dlvd.....lb. .18½- —
200, dms., c.l., dlvd.....lb. .20½- —
Neo-fat, drying oil, fatty acid, 3R, dms., c.l., dlvd..lb. .14½- —
17 dms., c.l., dlvd.....lb. .12½- —
19, dms., c.l., dlvd.....lb. .16½- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums are included and not returnable.

Neolyn 30, non-ret. dms., f.o.b. cars, destination, zone 1. lb. .24 - —
10 dms., same basis....lb. .24½- —
1-9 dms., same basis....lb. .25 - —
40, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .26 - —
10 dms., same basis....lb. .26½- —
1-9 dms., same basis....lb. .27 - —
Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color 2-½-4, melting point 65-75°C., same basis..lb. .17 - —
10 C, color ¼-4, same basis..lb. .24 - —
LX-483, same basis.....lb. .23 - —
OA, same basis.....lb. .45 - —
OP, same basis.....lb. .25 - —
RP, same basis.....lb. .25 - —
TS, same basis.....lb. .50 - —
RT, same basis.....lb. .31 - —
RA, same basis.....lb. .31 - —
RS, same basis.....lb. .50 - —
Neville resins, R-1 nevindene, color ½, dms., works..lb. .13½- —
R-3, nevindene, color 1, dms., works..lb. 13½- —
R-5, nevindene, color 1½-2, dms., works..lb. .11½- —
R-6, nevindene, color 2½-3½, dms., works..lb. 10½- —
R-7, N.P.S., color below 3, dms., works..lb. .12½- —
R-9, hard, color ½, dms., works..lb. .12½- —
R-10, hard, color 1, dms., works..lb. .11½- —
R-11, hard, color 1½-2, dms., works..lb. .10½- —
R-12, hard, color 2½-3½, dms., works..lb. .09½- —
R-13, medium, color ½, dms., works..lb. .13½- —
R-14, medium, color 1, dms., works..lb. .11½- —
R-15, medium, color 1½-2, dms., works..lb. .10½- —
R16, medium, color 2½-4, dms., works..lb. .09½- —
R-16A, medium, color 7-10, dms., works..lb. .08½- —
R-17, medium, soft, color 3½-8, dms., works..lb. .10½- —
R-19, medium, soft, color 2½-8, dms., works..lb. .10½- —
R-21, soft, color 3½-8, dms., works..lb. .10½- —
R-22, special, soft, color 3½-8, dms., works..lb. .10½- —
R-27, medium, soft, color 1, dms., works..lb. .13½- —
R-28, medium, soft, color 1½-8, dms., works..lb .12½- — —
R-29, medium, sort, color 2½-2, dms., works..lb. .12½- —
465, 110-125°C., dms., gross weight, Pittsburgh..lb. .08½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works..lb. .12 - —
C-10 emulsion, ret. dms., works lb. .112½- —
Nevtex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works.lb. .20 - —
Nuba, 1, 80-95° C., dms., gross weight, works..lb. .0290- —
2, 100-120° C., dms., gross weight, works lb. .0290- —
2x, 125-150° C., dms., gross weight, works..lb. .04½- —
Nuodex drier, cobalt, 6%, 450-lb. pkgs..lb. .30½- —
100-lb. pkgs.....lb. .31½- —
Calcium, 5%, 400-lb. pkgs.lb. .22½- —
100-lb. pkgs.....lb. .23½- —
Iron, 6%, 400-lb. pkgs.....lb. .14½- —
100-lb. pkgs.....lb. .15½- —
Lead, 24%, 450-lb. pkgs....lb. .14 - —
100-lb. pkgs.....lb. .15 - —
38%, 500-lb. pkgs.....lb. .21½- —
100-lb. pkgs.....lb. .22½- —
Manganese, 6%, 400-lb. pkgs. lb. .15½- —
100-lb. pkgs.....lb. .16½- —
Zinc, 8%, 400-lb. pkgs.....lb. .15½- —
100-lb. pkgs.....lb. .16½- —
Nuolate drier, cobalt, 4%, 400-lb. pkgs..lb. .19½- —
100-lb. pkgs.....lb. .20½- —
Lead, 16%, 450-lb. pkgs.....lb. .09 - —
100-lb. pkgs.....lb. .10 - —
Manganese, 4%, 400-lb. pkgs. lb. .09¼- —
100-lb. pkgs.....lb. .10¼- —

All prices are dlvd. in U.S.A., except California, Oregon and Washington.

P

Paradene, No. 1, 75-90° C., color 12-16, dms., gross wt., works, lb. .0625- —
2, 100-125° C., color 12-16, dms., gross wt., works..lb. .0625- —
33, 34, color 10-15, dms., works, lb. .0625- —
35, color 10-15, dms., works, gross wt..lb. .0675- —

Paradene prices are freight equalized with Philadelphia, Pa.

Paradura, 44, c.l., dlvd.....lb. .22½- —
l.c.l. .....lb. .23½- —
278, c.l., dlvd.....lb. .23 - —
l.c.l. .....lb. .24 - —
Paranol resin, hard, No. 1, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
Paranol resin, 25, c.l., dlvd....lb. .16½- —
l.c.l. .....lb. .17 - —
84-E, c.l., dlvd.....lb. .19½- —
l.c.l. .....lb. .20 - —
200, c.l., dlvd.....lb. .18½- —
l.c.l. .....lb. .19 - —
800, hard, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18 - —
650, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18 - —
1750, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18½- —
Paraplex (resin plasticizers), RG-2 (60% in xylol), bbls., c.l..lb. .27 - —
l.c.l. .....lb. .27½- —
(100% solids), bbls., c.l....lb. .42 - —
l.c.l. .....lb. .42½- —
RG-7 (60% in xylol), bbls., c.l. lb. .24 - —
l.c.l. .....lb. .24½- —
RG-8 (100% solids), bbls., c.l. lb. .29 - —
l.c.l. .....lb. .29½- —
G-20 (60% in butyl acetate), bbls., c.l..lb. .44 - —
l.c.l. .....lb. .44½- —
(100% solids), bbls., c.l....lb. .67 - —
l.c.l. .....lb. .67½- —
S-B (60% in xylol), bbls., c.l.lb. .23½- —
l.c.l. .....lb. .24 - —
(100% solids), bbls., c.l.....lb. .28½- —
l.c.l. .....lb. .29½- —
AL-16 (70% in xylol), bbls., c.l. lb. .23 - —
l.c.l. .....lb. .23½- —
(100% solids), bbls., c.l....lb. .31 - —
l.c.l. .....lb. .31½- —
Paraplex, AL-111 (100% solids), bbls., c.l..lb. .21 - —
l.c.l. .....lb. .21½- —

Paraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the states of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Parasomes, 5 solid resins, c.l. and l.c.l., dlvd..lb. .13 - —
4854 solutions (50% in mineral spirits), c.l., dlvd..lb. .11 - —
l.c.l. .....lb. .11½- —
Pentalyn A, non-ret. dms., f.o.b. cars, destination, zone 1. lb. .13½- —
10 dms., same basis....lb. .14 - —
1-9 dms., same basis....lb. .14½- —
C, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15½- —
10 dms., same basis....lb. .16½- —
1-9 dms., same basis....lb. .16½- —
G, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15 - —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis....lb. .16 - —
F, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .16 - —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis....lb. .16 - —
P.H.O., dms., works.....lb. .24 - —
Piccolastic, A-L, A-5, A-25, A-50, B-50, C-5, C-25, C-50, E-50 types, c.l., Clairton, Pa..lb. .20 - —
l.c.l., same basis.....lb. .20½- —

The above types are sold in heavy gauge steel drums, weighing approximately 52 lbs. each. Drums extra at $1.25 each, and non-returnable.

A-75, B-75, B-100, C-75, C-100, C-125, D-75, D-100, D-125, D-150, E-75, E-100, E-125 types, c.l., Clairton, Pa. lb. .20 - —
l.c.l., same basis.....lb. .20½- —

The above types are sold on a net weight basis, in light gauge steel drums weighing approximately 15 lbs. each, drums included.

FT, TX, FHF types, c.l., Clairton, Pa..lb. .12½- —
l.c.l., same basis.....lb. .13 - —

The above types are in heavy gauge steel drums, weighing approximately 52 lbs. each. Drums extra at $1.25 each, and non-returnable.

Piccolyte resins, S-10, S-25, S-40, dms., net. wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-85, S-100, same basis, c.l.lb. .17 - —
S-85, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
Piccoumaron resins, 420, 420-S, dms., gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .08 - —
420-T, same basis.....lb. .0875- —
423-R, 423-R, 425-R, 427-R, dms., net wt., same basis.lb. .1075- —

Beckamine, 430, 435, bulk, gross wt., same basis	lb.	.045 - —
440-T, same basis	lb.	.0625- —
460, 450-H and 450-S, same basis	lb.	.09 - —
450-BH, same basis	lb.	.0975- —
460-T, same basis	lb.	.0675- —
XX-35, XX-40, bulk, net wt., same basis	lb.	.0625- —
XX-55, dms., gross wt., same basis	lb.	.0675- —
XX-70, XX-100, same basis	lb.	.0625- —
XX-115, same basis	lb.	.0675- —
T-115, same basis	lb.	.0725- —
70%, 430-S Sol., ret. dms., net wt.	lb.	.073 - —
Plastilta, S-1, powder, 600-lb. lots, works	lb.	.53 - —
less than 600 lbs., same basis	lb.	.55 - —
milled S-1 resin, 600-lb. lots, works	lb.	.58 - —
less than 600 lbs., same basis	lb.	.60 - —
Flyephen, plastic resins, 5000, c.l., works	lb.	.18½- —
l.c.l., same basis	lb.	.18½- .19½
5010, c.l., same basis	lb.	.17½- —
l.c.l., same basis	lb.	.17½- .18½
5012, 5013, c.l., same basis	lb.	.18½- —
l.c.l., same basis	lb.	.18½- .14½
5014, c.l., same basis	lb.	.14½- —
l.c.l., same basis	lb.	.15½- .15½
Polypale ester, No. 10, non-ret. dms., c.l., dlvd.	lb.	.12 - —
10 dms., same basis	lb.	.12½- —
1-9 dms., same basis	lb.	.13½- —

R

Resinous oil, No. XI, returnable dms., works	lb.	.0160- —

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations).		
Staybelite ester, No. 5, ret. dms. (dms. charged $6 each, extra), f.o.b. cars., c.l., destination, zone 1	lb.	.15 - —
10 dms., same basis	lb.	.15½- —
1 dm., same basis	lb.	.15½- —
No. 10, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.15 - —
10 dms., same basis	lb.	.15½- —
1 dm., same basis	lb.	.15½- —
Super-Beckacite, 1001, c.l.	lb.	.33 - —
l.c.l., same basis	lb.	.33½- .34
1008, F.E., c.l.	lb.	.31 - —
l.c.l., same basis	lb.	.31½- .32
2000, M-K, c.l.	lb.	.27 - —
l.c.l., same basis	lb.	.27½- .28
2100, M-I, c.l.	lb.	.27 - —
l.c.l., same basis	lb.	.27½- .28
3011, c.l.	lb.	.31½- —
l.c.l.	lb.	.32 - .32½
Syntex Resins, 9 (or 1922), non-ret. dms., c.l., works, Louisville, Ky.	lb.	.18½- —
l.c.l.	lb.	.18½- —
16, c.l., same basis	lb.	.19½- —
l.c.l., same basis	lb.	.20½- —
18, c.l., same basis	lb.	.17½- —
l.c.l.	lb.	.18 - —
19-B, c.l., same basis	lb.	.16½- —
l.c.l.	lb.	.16½- —
19-C, c.l., same basis	lb.	.13½- —
l.c.l.	lb.	.14½- —
22, c.l., same basis	lb.	.15½- —
l.c.l.	lb.	.16½- —
23, c.l., same basis	lb.	.14½- —
l.c.l.	lb.	.15½- —
23-5D, c.l. and l.c.l., same basis	lb.	.11½- —
28, c.l., same basis	lb.	.18½- —
l.c.l.	lb.	.19½- —
32, c.l., same basis	lb.	.15½- —
l.c.l.	lb.	.15½- —
40, 50, c.l., same basis	lb.	.16½- —
l.c.l.	lb.	.17 - —
60-A, c.l., same basis	lb.	.21½- —
l.c.l.	lb.	.22½- —
115, c.l., same basis	lb.	.11½- —
l.c.l.	lb.	.12 - —
121, c.l., same basis	lb.	.17½- —
l.c.l.	lb.	.18 - —
217, c.l. ,same basis	lb.	.15½- —
l.c.l.	lb.	.15½- —
1979, c.l., same basis	lb.	.17½- —
l.c.l.	lb.	.17½- —
H-8, c.l., same basis	lb.	.18 - —
l.c.l.	lb.	.18½- —
H-12, c.l., same basis	lb.	.17½- —
l.c.l.	lb.	.17½- —
H-15, c.l., same basis	lb.	.14½- —
l.c.l.	lb.	.15 - —

Freight allowed to destinations in New England, Middle Atlantic States, Va., N.C., S.C., W. Va., O., Ky., Tenn., Ind., Ill., Mich., Wis., Ia., Mo. and Minneapolis, St. Paul, and Duluth, Minn. For shipments to all other points in U.S., add ½c. per lb. to c.l. and ¾c. to l.c.l. prices.

U

Ufermite, F-200-E (50% in butanol: xylol), bbls., c.l.	lb.	.29½- —
1-10 drum lots	lb.	.31 - —
F-220-E (50% in caprYl alcohol), bbls., c.l.	lb.	.32 - —
1-10 drum lots	lb.	.33½- —
MM-55 (50% in butanol: xylol), bbls., c.l.	lb.	.28½- —
1-10 drum lots	lb.	.30 - —
MU-56 (50% in butanol: xylol), bbls., c.l.	lb.	.27 - —
1-10 drum lots	lb.	.27½- —
MM-60 (50% in caprYl alcohol,) bbls., c.l.	lb.	.29 - —
l.c.l.	lb.	.29½- —

Ufermite prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1.

V

Vanadiset resins, divd., Baltimore-Washington area, Del., c.l.	lb.	.039 - —
under 2,000 lbs.	lb.	.041 - —
Greater N. Y., N. J., Conn., c.l.,	lb.	.018 - —
under 2,000 lbs.	lb.	.04 - —
Ala., Fla., Ia., Minn., Miss., c.l.	lb.	.021 - —
under 2,000 lbs.	lb.	.044 - —
Ariz., Cal., Canada in general, Nev., N. M., Ore., Utah, Wash. State, c.l.	lb.	.039 - —
under 2,000 lbs.	lb.	.041 - —
Ark., Colo., Neb., c.l.	lb.	.038 - —
under 2,000 lbs.	lb.	.043 - —
Canada, Windsor to Montreal, c.l.	lb.	.032 - —
under 2,000 lbs.	lb.	.043 - —
Vanadiset, Ga., Ill., Ky., Tenn., Mo., c.l.	lb.	.021 - —
under 2,000 lbs.	lb.	.043 - —
Idaho, Wyo., Mont., c.l.	lb.	.038 - —
under 2,000 lbs.	lb.	.047 - —
Louisiana, Okla., Texas, Kan., Dakotas, c.l.	lb.	.023 - —
under 2,000 lbs.	lb.	.043 - —
Maine, Mass., N. H., R. I., Vt., c.l.	lb.	.021 - —
under 2,000 lbs.	lb.	.041 - —
Vanadiset, N. Y. State, Pa., East, c.l.	lb.	.020 - —
under 2,000 lbs.	lb.	.042 - —
Ohio, Ind., W. Va., Mich., c.l.,	lb.	.019 - —
under 2,000 lbs.	lb.	.042 - —
Pa., west of Susq. Riv., west and North of Williamsport, Md., Frederick and West, c.l.	lb.	.020 - —
under 2,000 lbs.	lb.	.042 - —
Wis., c.l.	lb.	.021 - —
under 2,000 lbs.	lb.	.044 - —
pulverized, Newark, N. J.	lb.	.12 - .35
Velsicol, AD-6-3, tankcars, works, Marshall, Ill.	lb.	.12¾- —
dms., 10 dms. up	lb.	.13¼- —
1-9 dms.	lb.	.13¾- —
AD-660, tankcars, same basis	lb.	.08½- —
dms., c.l., same basis	lb.	.09¾- —
l.c.l., same basis	lb.	.10½- —
AB11-4, dms., c.l., same basis	lb.	.08¾- —
l.c.l., same basis	lb.	.09 - —
Cost of containers included in above prices.		
Vinsol resin, pulv., bgs., c.l., dlvd.	lb.	.05½- —
l.c.l., dlvd., Met. area	lb.	.06½- —
Vinylseal, modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T-24-9, non-ret. dms., 20-dm. lots, same basis	gal.	2.60 - —
drum lots, same basis	gal.	2.25 - —
less than drum lots, same basis	gal.	2.80 - —
25% by weight, solution in 37% methyl acetate, MA 25-18, 20-drum lots, same basis	gal.	2.15 - —
drum lots, same basis	gal.	2.60 - —
less drum lots	gal.	2.85 - —
All "Vinylseal" containers except 5-gal. cbys. non-returnable.		

Vinyl chloride - acetate, VYLF, VYHH, VYNW, VYNU, VYNV, VYNY, VYNL, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va.	lb.	.33 - —
10,000 to 29,999 lbs., same basis	lb.	.34 - —
200 to 9,999 lbs., same basis	lb.	.35 - —
1 to 199 lbs., same basis	lb.	.51 - —
VYNS, c.l. (30,000 lbs.), paper bags, same basis	lb.	.44 - —
10,000 to 29,999 lbs., same basis	lb.	.45 - —
200 to 9,999 lbs., same basis	lb.	.46 - —
1 to 199 lbs., same basis	lb.	.62 - —
VYCM, pwd., c.l. (30,000 lbs.), paper bgs., f.o.b. cars, South Charleston, W. Va.	lb.	.38 - —
10,000-29,999 lbs., same basis	lb.	.39 - —
200-9,999 lbs., same basis	lb.	.40 - —
1-199 lbs., same basis	lb.	.56 - —
modified vinyl chloride-acetate, VMCH, c.l. (30,000 lbs.), same basis	lb.	.39 - —
10,000 to 29,999 lbs., same basis	lb.	.40 - —
200 to 9,999 lbs., same basis	lb.	.41 - —
1 to 199 lbs., same basis	lb.	.57 - —
modified, acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E of Mississippi river, c.l. (30,000 lbs.)	lb.	.46 - —
Vinyl, modified acetate resins, AYAB, AYAA, AYAF, AYAT, 2,000 to 29,999 lbs., same basis	lb.	.43 - —
200 to 1,999 lbs., same basis	lb.	.45 - —
1 to 199 lbs., same basis	lb.	.49 - —
chloride resins, AYAC, gran., fiber dms. at option of seller, c.l. (30,000 lbs.), f.o.b. cars, South Charleston, W. Va.	lb.	.43 - —
2,000-29,999 lbs., same basis	lb.	.48 - —
200-1,999 lbs., same basis,	lb.	.47 - —
1-199 lbs, same basis	lb.	.63 - —
QYNA, pwd., c.l. (30,000 lbs.), same basis	lb.	.33 - —
10,000 to 29,999 lbs., same basis	lb.	.34 - —
200 to 9,999 lbs., same basis,	lb.	.35 - —
1 to 199 lbs., same basis	lb.	.51 - —
butyral resins, XYHL, XYHM, XYNC, granular, 95 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l.	lb.	.33 - —
10,000 to 29,999 lbs., same basis	lb.	.35 - —
200 to 9,999 lbs., same basis,	lb.	.36 - —
1 to 199 lbs., same basis	lb.	1.00 - —

Z

Zinlac, orange or white, 50-gal. bbls.	gal.	1.50 - —
kits (5 gals.)	gal.	1.60 - —
jugs (1 gal.)	gal.	1.60 - —

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Specifications

Solution	49-51% solids in mineral spirits
Viscosity (G.H.)	X-Z
Color (G.H. 1933)	10-12
Acid value (solvent free basis)	10-16
Wt/gallon @250C.	7.7-7.8 lbs.
Oil Content (solvent free basis)	No reportable oil
Phthalic Anhydride (solvent free basis)	33%

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Fact-Finding Is Inadequate

Far too much weight is being given to fact-finding as at least an aid to the settlement of the deplorable conflict between labor and management. Facts, of themselves, mean nothing. Their value depends upon their being properly related to a predetermined policy and their utilization in the determination of appropriate judgment. They must be relevant and material in the full sense of the terms.

It is difficult to discover any relevancy between those facts which get so much verbal attention in the employment disruption and the purpose for which they are demanded. It is little wonder, then, that even the most vociferous advocate of fact-finding has abandoned that purpose and set up as his basis of a demand for higher pay his own fact that the members of his labor group have lost millions of dollars in wages while they have been on strike.

There is a fact. It is a somewhat pertinent fact, relevant, perhaps, and material, according to the point of view. But, does it have a place in the determination of the issue into which it has been interjected? It lacks support of an acceptable, even a practicable, policy. It most plainly does not lend itself to any just determination of judgment.

The issue of higher wages does not raise a question of law. It is wholly a matter of equity; although it has been robbed of most semblance of that by circumstances concomitant with its handling. As a matter of equity, the issue does not call for investigation by a grand jury or any other sort of fact-finding except for purposes of judgment. The wage issue must be determined on its merits by an agency of judgment, not investigation, fully capable of recognizing merits and relatively evaluating them, and fully authorized to utter judgment on the basis of that evaluation. Of course, the judgment must be enforceable—and it must be impartially and adequately enforced.

It is clear that no adjudication of issues of higher wages can be possible without a basic policy which provides the criterions necessary for the evaluation of the merits of the conflicting contentions. The mere fact that an employee needs more pay, or that an employer can pay more, is not in itself a determining factor. No basic policy of the nature essential to the adjudication of wage issues now exists. Such statutory declarations as may have some slight relevance are more obstructive than helpful. The construction of an appropriate, authoritative, and adequate policy offers a problem to deal with which political economy is little, if any, better equipped than is commercial economy—and social economy, which should make the decision, is the least capable of all, aside from its utter lack of authority.

In line with the worldwide belief that the differences of nations should be settled in courts of justice, rather than on fields of battle, it is timely to consider the wisdom of establishing a juridical system for the settlement of differences in connection with employment relations. Basal in such a system must be appropriate and adequate law creative of a policy applicable to issues in equity and definitive of practices which require the application of law. Certainly the human race has progressed far enough to construct such a desirable substitute for the still prevalent exercise of the right of might.

—O-P-D—

United Front Needed

In view of the well-established and growing determination of some agricultural, some political, and some philosophical groups to put the Federal government in the business of, to some extent, producing fertilizers, and, to a larger extent, providing them at profitless prices, the fertilizer business is unfortunate in its division in respect of national organization. Even though the objectives of the two organizations are practically identical, as are also their views on the governmental fertilizer program, the fact that, while they correlate their efforts to a substantial extent, they are not united, arouses suspicions, and suspicions are sometimes more detrimental than facts.

The reasons for the existence of two national organizations in the fertilizer business pale to insignificance in comparison with the more impressive, better resultful functioning that would be possible through wholly united effort. Some of the differences, in truth, now have no factual foundation. Nothing which keeps the two groups apart can possibly justify a waiting policy, drawn from a feeling that attrition will wear down the issue. It is from such attitudes of members of the business world, attitudes which prevent the composing of relatively minor differences, that the economic enemies of private enterprise, be they political, social, or commercial, derive their greatest hopes of imminent success.

Because of the desirability, and even the necessity, that business be in position to present a united front toward any and all threats against private enterprise, all disruptions in its ranks are deplorable. The interelement strife of labor and management provides particular opportunity for the advocates of so-called "nationalization." Intraelement differences and discords, especially when they divide the ranks of the makers and administrators of policies, are no less detrimental because their influence is less directly, albeit frequently more subtly, executed.

So it is that such executive schisms as that in the fertilizer field present business with a problem calling for immediate solution. They carry the competitive spirit into areas where it is wholly out of place. Business always "gets in wrong" when it carries into the areas of political economy the policies and practices of commercial economy. What the former requires is not competition, but community of action, as well as of interest.

The fertilizer business should seek out a program of integration which will provide it with a harmonious blending of producer and distributor, of science, technology, industry, and commerce—a really fertilizer—plantfood, if you will—and really national organization. The virus of nationalization will not, of itself, stop with inoculation of the consumer. It will creep up through dealer, mixer, and primary producer, even to the agronomist and the still more erudite groups of plant and soil scientists, until it has effected an entirely new order. In that, of course, everybody will have to function in every thought and action with everybody else. That alternative is already more than a mere figment of, perhaps, wishful thinking.

—O-P-D—

Spreading Industrialization

Expansion of industry, sometimes inadequately styled decentralization of industry, which is so fundamentally essential to any national improvement of living conditions, presents an astonishing variety of problems. Most of these are relatively simple—some of them are wholly imaginary—but they lend themselves to arguments with a fair degree of plausibility, in the real sense of that term.

History, geography, politics, and climate—all are tapped for reasons why this industry or that should not venture into new locations. With respect to the basic industries, geology and mineralogy are potent factors, of argument, as well as of operation; although they are fast losing weight as recognition dawns of the relative costs of transporting raw materials and finished products. Along this line, the arguments on industrial expansion geographically soon get into the channel of commerce—and all sorts of opinions on the possibilities and probabilities of disposing of what is produced.

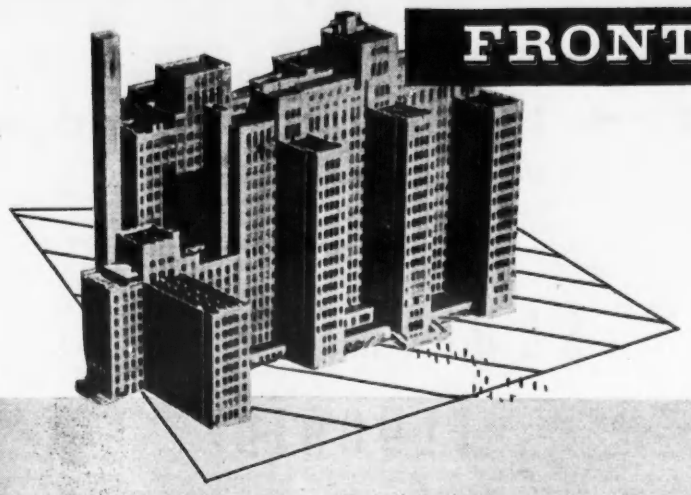
From the commercial angle, the industrialization of neglected regions presents the old problem of the hen and the egg. As a manufacturing producer, the region is sterile; as a market, it is barren. Some insist that it is folly to venture into a marketless locale; others know that markets cannot be built out of wooded hills and rushing rivers without benefit of industry, and that people follow jobs. The solution of the problem demands industrial pioneering. The people will not be far behind the jobs, and the markets will come with the people.

Technologically, the pioneering of industry into new areas is covered with problems which are largely only peculiarities, and the elimination of which frequently results in widely distributed advantages. It is known that over-centralization provides special impetus for disruptive forces in the field of employment relations. It is also demonstrable that, in spite of gregarious desires, the establishment of technical and scientific groups in new locales is inducive to greater progress through sectional competition.

From any worthwhile standpoint, the spread of industrialization is greatly to be desired. It is a sorry reflection on economic enlightenment that any part of a country or its people should be denied the benefits of its technologic ability. The opposition of narrow sectionalism or factionalism cannot wisely be permitted to block full industrial development.

OPD—2-4-1946

FRONTIERS OF HEALTH . . .



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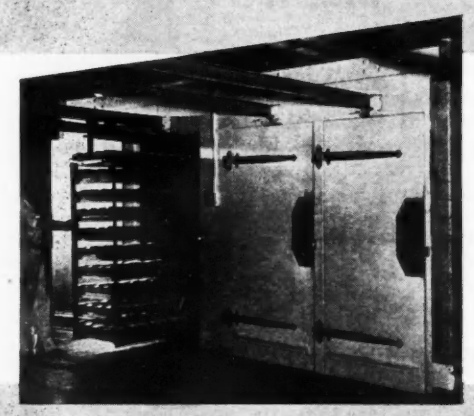

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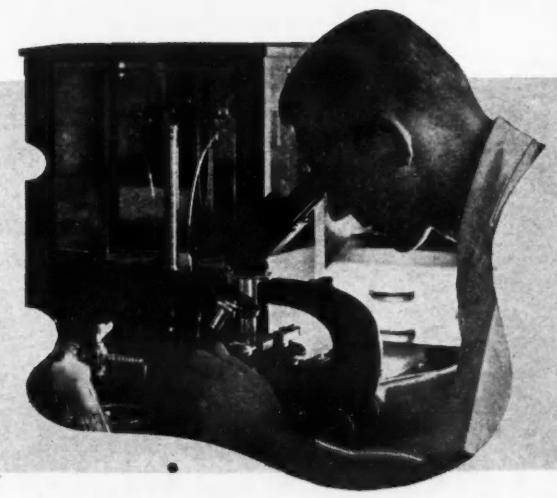

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Omaha	Tulsa	Dallas
Chicago	Denver	Houston
St. Louis	Wichita	San Antonio
Des Moines	Memphis	Davenport
Minneapolis	Oklahoma City	New Orleans

Heavy Chemicals

Steel strike disturbances and their effect on affiliated industries have been reflected in the movement of chemicals that are consumed in these trades. The most direct influence was felt in the Midwest where acid shipments have fallen off, particularly sulphuric. The steel shortage has threatened the automobile industry where several plants had resumed operations. The shortage of steel drums in the chemical industry is becoming acute and in some instances is delaying distribution. Domestic consumers appeared more conservative in extending chemical commitments but there was no let-down in the call for regular contract shipments to textile plants, rayon mills, petroleum refineries and other industries not affiliated with the production of steel. Export inquiry continued active and covered a wide field. It was very apparent that foreign countries were endeavoring to secure chemical supplies that they formerly purchased in Germany.

Contract shipments of liquid caustic soda have kept the supply down while the shortage of steel drums has restricted the movement of dry forms. Some shipments of flaked caustic have been made in wooden barrels in order to meet requirements. Both light and dense soda ash have been shipped freely in bulk. The call for dense ash continued exceedingly heavy from the glass furnaces where attempts are being made to offset the shortage of tin. More white sal ammoniac is being produced but not in sufficient quantities to lift the allocation method adopted by the producer. Demand from the major consumers the dry-battery manufacturers, has remained exceedingly heavy.

Increased production of the fluorides has permitted freer buying in most varieties. Paint makers have not found it difficult to secure antimony oxide and there was enough carbon-tetrachloride available to meet current requirements. Domestic consumption of carbonate of potash has reduced the supply for export. The market position of caustic potash was close to normal. The phosphates were tight without much easement in sight at present.

Paper production as a percentage of six-day capacity was 94.5 in the week ended Jan. 26, according to the American Paper and Pulp Association. This compares with 94.4 in the previous week and 88.4 percent a year ago.

Production figures in some of the following market reports were released by the U. S. Tariff Commission, unless otherwise specified.

Ammonia Anhydrous—An increase of about 7,000 tons was noted in the November production of synthetic anhydrous. Output registered 45,298 tons, compared with 38,292 tons in October.

Ammoniac Sal—Increased production of white granular has reached the market but not in sufficient quantities to ease the supply situation. Trade reports indicated, however, that output is tagged for sufficient expansion later in the year to relieve the present stringency. Demand from the dry-battery trade has continued exceedingly heavy and the chloride is being allocated by the producer to insure an equitable distribution.

Antimony Oxide—Buying interest did not exceed moderate dimensions last week. Some business was reported for the manufacture of flameproof paint. Production has shown a gradual increase and the supply position has improved since the first of the year.

Calcium Carbide — Production of commercial in November was placed at 44,610 tons, compared with 47,353 tons in the preceding month.

Calcium Phosphate—Monobasic output in November amounted to 6,793,000 pounds, compared with 5,994,000 pounds in October. Production of dibasic was 7,518,000 pounds in November against 8,020,000 pounds in the preceding month.

Carbon Dioxide—Lower production levels were established in November. Output of liquid and gas totaled 16,554,000 pounds, compared with 18,308,000 pounds in October. Output of solid, dry ice, was 42,856,000 pounds against 50,502,000 pounds in October.

Chlorine — Continued shortage of tankcars as a result mostly from delay in returning empties has interfered with the distribution of chlorine. There seemed to be enough material but not enough containers. Production in November was given at 91,453 tons, compared with 89,392 tons in the preceding months.

Copper — Reconstruction Finance Corporation has announced that the Office of Metals Reserve is reestablishing a foreign public copper purchase program which was discontinued in October, 1945. The action is being taken at the request of the Office of War Mobilization and Reconversion upon recommendation of the Civilian Production Administration. The Office of Metals Reserve plans to purchase copper of foreign source during the first six months of 1946 at the rate of 20,000 tons a month. The total quantity, 120,000 tons, is in addition to any commitments presently outstanding for the public purchase of foreign copper.

Copper Sulphate—Advices from France state that French production capacity for copper sulphate is about 100,000 metric tons annually, the principal plants being in the south of France and near Bordeaux in the wine producing regions. There are small plants in the North, but their output is insufficient for the needs of that region, which imports about 10,000 tons annually, mostly from Belgium, with the United Kingdom the secondary source. About 10,000 tons of copper sulphate are normally exported yearly from France to Algeria for use in the extensive wine areas there.

Glauber's Salt—November production dropped about 2,000 tons. The total was 13,712 tons, compared with 15,893 tons in October.

Nickel Salt—Production has shown gradual improvement during the past month although not sufficient to ease the supply position. Shipments average about two months behind schedule. Demand lost some of its urgency when the automobile strike was declared but has increased with resumption of activity at several of the plants.

Potash Carbonate—Export business has been checked not because demand has subsided but because there is no surplus at present to meet foreign requirements. Shipments to the glass and other consuming industries have

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	168.9	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

(For Current Prices see page 9)

Business in November

• Includes coal products.

For Late Market Developments, See Page 4

COLUMBIA
CALCIUM CHLORIDE
AND OTHER INDUSTRIAL CHEMICALS
BOSTON CHARLOTTE CHICAGO CINCINNATI CLEVELAND
PITTSBURGH PLATE GLASS COMPANY
COLUMBIA CHEMICAL DIVISION
GRANT BUILDING PITTSBURGH 19, PA.
MINNEAPOLIS NEW YORK PHILADELPHIA SAN FRANCISCO ST. LOUIS

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BARIUM CARBONATE
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BLANC FIXE
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continued steady and domestic demand at present is running slightly ahead of the available supply.

Potash Caustic—Relaxation of export buying has been reflected in improvement in the supply situation. There are no excess stocks around but domestic consumers have been able to get deliveries promptly and the present market position seems to be well balanced.

Potash Chlorate—Shipments are running close to schedule and demand is reported about flush with production. There has been no evidence of any relaxation in the movement to the match industry.

Salt Cake—Department of Commerce placed the production of crude commercial in November at 53,387 tons, against 50,517 tons in October. The output of refined anhydrous was 9,530 tons, compared with 9,005 tons in October.

Soda Ash—Heavy shipments of both light and dense soda ash have prevented any stock accumulations. The glass industry has exerted pressure for deliveries of dense ash and there seems to be little chance of any relaxation of inquiry as long as the tin shortage exists. The supply of both grades in paper bags is considerably short of demand owing to insufficient manpower. November production of finished light ash was 177,737 tons against a revised total of 187,273 tons in October. Output of finished dense ash in November amounted to 123,237 tons, compared with 136,749 tons in the preceding month. Production of natural stood at 15,283 tons in November against 14,231 tons in October.

Soda Bicarbonate—November production was placed at 15,692 tons, compared with 17,182 tons in the preceding month.

Soda, Caustic—Liquid caustic soda shipments have been made as rapidly as tankcars were available. Consuming demand from rayon and textile mills as well as oil refineries has been expanding and it is apparent that a ready market at home is open for all the material that can be produced. The shortage of drums as a result of the steel strike has made it difficult to move the dry forms. Some flaked caustic has been shipped in wooden barrels and some has been shipped in metal drums with requests for a prompt return so the container can be used again to move solid. Production of liquid in November was 85,616 tons and solid 16,073 tons by the electrolytic process, against a revised total of 84,289 tons of liquid and 15,884 tons of solid in October. Output by the lime-soda process in November was 62,516 tons of liquid and 20,340 tons of solid, compared with revised totals of 62,085 tons of liquid and 22,440 tons of solid in October.

Soda Phosphate — Production of monobasic in November amounted to 1,307 tons, compared with 1,336 tons in October. Output of dibasic was 5,528 tons in November against 5,843 tons in the preceding month.

Soda Silicate—Total production of soluble silicate glass, liquid and solid anhydrous in November was 28,843 tons, compared with 27,321 tons in October.

Acids

Hydrofluoric—Supply position capable of meeting current demand without difficulty. November production of anhydrous and technical combined was 3,834,000 pounds, compared with 3,595,000 pounds in October.

Muriatic—Consuming demand for home and export consumption has been supplied readily from current output. In November, production registered 30,026 tons, compared with a revised total of 29,691 tons in October.

Nitric—Production was moderately lower in November. Output was placed at 31,348 tons against 34,262 tons in the preceding month.

Oxalic—Sold ahead condition of output has kept the supply situation tight. Buying interest continued diversified and active while producers gave March-April as the best for carlot shipments from works.

Phosphoric—November output recorded a substantial gain over the preceding month. The total for November was placed at 70,409 tons, compared with 61,500 tons in October.

Sulphuric—While demand for use in the manufacture of superphosphate continued active, there was some relaxation reported in inquiry from other consumers. The call for shipments to the Pittsburgh and other steel producing areas showed an appreciable drop. November recorded a substantial cutback in production. Total output was 707,127 tons, compared with 750,084 tons in October.

Baltimore, Feb. 1.—Sulphuric acid production continues along the lines that have been followed by the manufacturers, with acid-making materials imposing limitations upon output, but with manpower no problem because of the automatic processes employed. The cost of production cannot be reduced, the tendency being rather upward for the reason that transportation and other outlay imposes checks to curtailment of expense, while the ceilings established by

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the government and fixed at the top figures realized in March almost four years ago are still current. These prices are made applicable to deliveries on government account as well as on private business. The supply is adequate for all needs, with the excess above the requirements of the Army and Navy ample for civilian uses, so that industries are not embarrassed. The situation as a whole is not at all changed, with no suggestion made as to a unification of price.

Procter Medalist

—Continued from page 3

He cited the work of the medalist in shortening the time lag between basic research and practical application of penicillin as a highly meritorious contribution to medicine in war and in peace.

The value and varied roles of time in all human activities were noted by E. F. Schafer, president of the Exchange. Frank F. Law, of Wyeth, Inc., as toastmaster, informatively reviewed the development of production and distribution of penicillin. Dr. Chester S. Keefer related the story of the chemical investigation of penicillin from its introduction here as a therapeutic agent by Florey in 1941. He considered the value of the drug against even the most serious exhibitions of staphylococcus and streptococcus in infected burns and wounds, and in venereal diseases and other infectious applications, even including anthrax, to be soundly established.

The role of the War Production Board in the development of penicillin production was reviewed by Fred J. Stock, of Charles Pfizer & Co., who headed the WPB drug office during the work. Mr. Stock also told of the astounding commercial expansion in penicillin from a few million units in 1942 up to 800 billion a month by the end of 1945. Production now is at the rate of a trillion units monthly and will shortly be still about 25 percent greater. One producer alone provides now almost as much as all did two years ago. Sales of penicillin in 1946, he predicted, would total more than $100,000,000.

Mr. Stock expressed great appreciation of the attitude and the activity of Dr. Richards in the penicillin program. He warmly praised the teamwork of science, government, and business in work. This teamwork was also lauded by Dr. Richards who, in his speech of acceptance, spoke appreciatively of the cooperation and collaboration in science which the penicillin program had developed. The value of this in the future, he considered great indeed.

Dr. Richards felt that he had had a sort of prenatal role in the development of penicillin because Florey had worked with him in 1928-29. He also felt that the University of Pennsylvania deserved the Procter honor because of the early association of Procter with Dr. George B. Wood, of the university, in pharmacopeial work and the preparation of dispensatories.

In his tribute to teamwork, Dr. Richards said that he considered it an honor to have worked with Dr. Vannevar Bush, Dr. Chester Keefer, and others in the operations of OSRD. He was grateful for the nationalization of discoveries in the penicillin program, and considered the results a permanent asset for the human race.

Reece Bill

—Continued from page 3

unnecessary the provisions of the Reece bill setting up a "preponderance of evidence" rule and enable the findings of fact to be conclusive if found to be supported by "substantial evidence" on consideration of the whole record.

I. W. Digges, counsel for the Association of National Advertisers, testified that passage of the Reece bill would correct the present dangerous situation which places the "findings of fact by the commission in a category higher than findings of the Federal district courts."

Endorsing the provisions requiring a preponderance of evidence to support commission findings and to empower courts of appeal to change commission rulings if they think it necessary in the light of the evidence, Mr. Digges declared that because any substantial evidence will support commission findings at present, defendants must be prepared to discredit every commission witness on cross-examination or assume they will lose. He added:—

"The commission itself considers that it has unlimited authority to pick and choose as between witnesses and as between experts, a right which the Supreme Court of the United States has spscifically denied to courts reviewing commission decisions."

Attention of the committee was called to the conflicting authority of the FTC and the Food and Drug Administration over the labeling of food, drug and cosmetic products by George H. Frates, Washington representative of the National Association of Retail Druggists, James F. Hoge, general counsel of the Proprietary Association of America and Robert L. Swain, editor of Drug Trade News. The bill seeks to correct this conflict by giving the FDA jurisdiction over advertising as well as labeling of these products.

Control Over Labeling

They told the committee that although it was thought at the time the Wheeler-Lea act was passed in which the FDA was given specific jurisdiction over labeling that a clear distinction had been made as to the jurisdiction of the two agencies, the courts have so interpreted the rights of the FTC over advertising as to enable that agency also to extend its authority to labeling and thus put the industry in doubt as to which agency controls its activities.

Mr. Hoge pointed out that congress would not be establishing any precedent in relieving the industry of the conflicting authority, since similar actions have been taken in the past with respect to other industries. He cited as examples the removal of control over aviation from the FTC to the Civil Aeronautics Administration, the overall supervision of the banks exercised by the Federal Reserve Board and the control of the railroads by the Interstate Commerce Commission.

Also speaking in favor of the bill's provisions calling for a preponderance of evidence to support FTC findings and giving reviewing courts the power to modify the commission's decisions, Mr. Hoge charged that, because the FTC operates as complainant, prosecutor, judge and jury, it necessarily prejudices any case before it begins. It customarily assigns one of its attorneys to present evidence in support of its own complaint, it never sees the witnesses and it turns over the task of reviewing case records and preparing findings to employed legal assistants, he said.

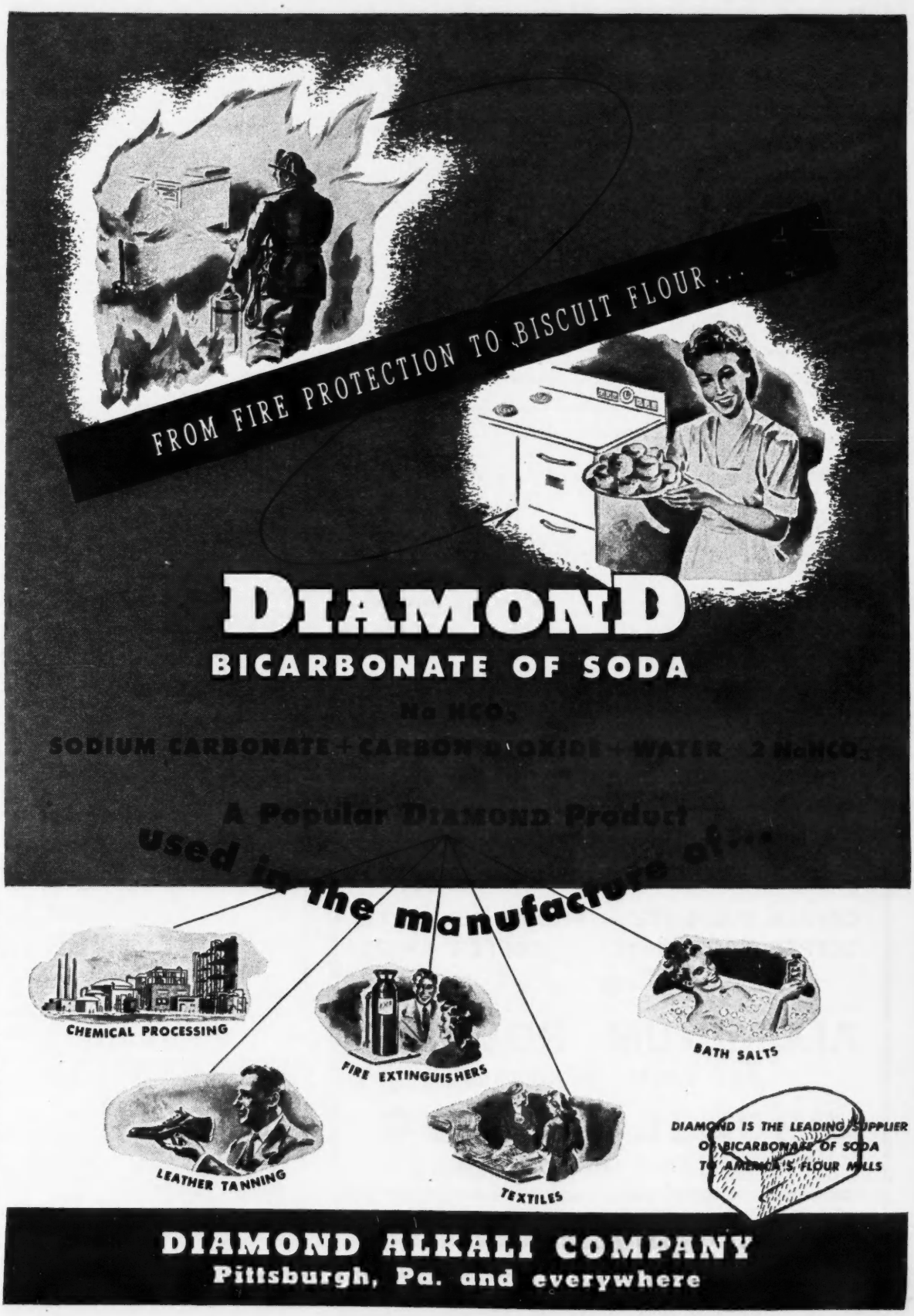
Testimony in support of the Reece bill also was submitted at the two-day hearing by John Mueller of the Association of Drug and Chemical Industries of Missouri, Inc., Kenneth Perry, counsel for Johnson & Johnson, Sylvester J. Liddy, counsel for the United States Trade Mark Association, Charles E. Murphy, general counsel of the Advertising Federation of America, and a brief was filed by the Motor and Equipment Manufacturers Association.

Hearings will be resumed at a date to be fixed later.

Textile Chemists to Meet

The American Association of Textile Chemists and Colorists will hold its monthly meeting February 6 at the Builders Club, 2 Park avenue, New York. Max Winkler, president of the Blue Ridge Textile Mills, Bangor, Pa., will be principal speaker.

Reynolds Metals Company, Richmond, Va., has named Allyn Dillard as secretary.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Washington Talks It Over

—Continued from page 5

speaks of such labeling pointing to the "relative" merits of the product—but relative to what:—Relative to a competitor's product? Or the relative benefits a purchaser would obtain from using his product?

And any advertising campaign taken along either of these lines would have to be planned pretty carefully if the firm hoped to avoid tangling with FTC.

Interlake Chemical Opens Seattle Office

Interlake Chemical Corporation, Cleveland, Ohio, has opened a sales office in Seattle, Wash. The office is primarily to serve the forest products' industries, including plywood, paper and pulp. John J. Bogner, who will be in charge of the Seattle office with headquarters in Smith Tower, has been in the resin and plastic field since 1933. Interlake Chemical Corporation produces a broad line of phenol formaldehyde liquid resins, molding compounds, and coal-tar products. Interlake's executive and general-sales offices are located in Cleveland, Ohio, with resin plant at Forest Park, Ill., distillation plant at South Chicago, Ill., and molding-compound plant at Waltham, Mass.

Carbon Black Dispersions To Be Made by New Company

All types of carbon black dispersions for the printing ink, rubber, paint, carbon paper and plastics industries will be manufactured by Carbon Dispersions, Inc., a newly organized corporation with factory and laboratory at 27 Haynes avenue, Newark 5, N. J.

Dr. Arthur Brauch, vice-president and general manager, in charge of plant operations and research for the new company, announces that in addition to the manufacture of commercially known dispersed carbon blacks, Carbon Dispersions, Inc., will make emulsified black, which is now being used extensively in the coloring of concrete roads and airport runways to eliminate glare, thus reducing traffic hazzards.

Special Products Manager

John Licata has been named manager of the special-products division of the Standard Oil Company of California, San Francisco. He was formerly a sales specialist at the company's headquarters.

Ross Rejoins Cons. Products

B. W. Ross has returned to his duties as sales engineer for the Consolidated Products Company, used-machinery dealer, New York, following more than three years' service as a lieutenant with the U. S. Army.

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ACS Forms Section In Monmouth, N.J.

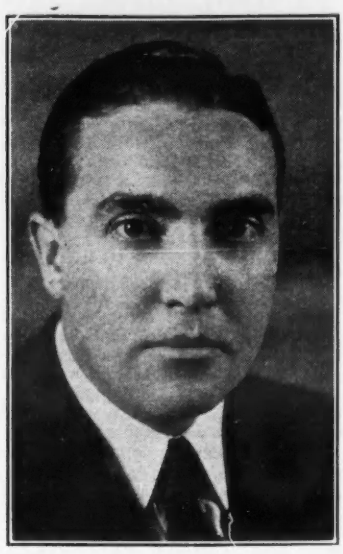
A new local section of the American Chemical Society has been chartered in Monmouth county, N. J. The new unit, which will be known as the Monmouth County Section, has its headquarters at Red Bank.

Meredith F. Parker, of Long Branch, a research executive of E. I. du Pont de Nemours & Co., is chairman of the section and Ernst T. Franck, head of the science department of Manasquan High School, is vice-chairman. The secretary-treasurer is Dr. V. F. Payne of Long Branch, senior chemist of the Micro Optical Section, Components and Materials Branch, at the Signal Corps' Squier Signal Laboratory.

Monsanto Names Crabtree To Textile Chemicals Post

Monsanto Chemical Company, St. Louis, has announced that Nate L. Crabtree, formerly an advertising agency executive, has been employed to assist in merchandising its textile chemicals. Mr. Crabtree will serve as special assistant to D. S. Dinsmoor, general manager of the company's Merrimac Division, with headquarters at Everett, Mass.

Made Technical Director



John J. Bradley, jr., has been named technical director for the Boston Varnish Company, Everett, Mass. He was formerly chief chemist for the floor covering division of Bird & Son, Inc., and more recently was director in charge of research for Reichold Chemicals, Inc., Detroit.

Spectrometer Developed For Direct-Reading

An instrument which electronically measures the concentration of elements in alloys and automatically records the results has been developed by J. L. Saunderson and co-workers at the Dow Chemical Company, Midland, Mich. This direct-reading spectrometer, as it is called, has been in use in the company's magnesium alloying plant for several months, where alloy analyses can now be made in 40 seconds, a fraction of the time required when using the standard spectograph.

Hercules Powder Plans Common Stock Increase

The Hercules Powder Company, Wilimington, Del., plans to increase the authorized common stock from 1,600,000 shares to 3,525,000 shares of no par value. The 1,355.668 common shares now issued would be increased to 2,711,336 shares on a two-for-one exchange. Stockholders on record February 26 will be asked to approve the increase at the annual meeting March 19.

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Obituaries

B.W. Carrington

B. W. Carrington, chairman of the board of the Morton Salt Company, Chicago, since 1941, died January 29. He was sixty-nine years of age. A native of Chicago, Mr. Carrington also resided in Dallas, Tex., where he headed the B. W. Carrington Salt Company, and in Kansas City, Mo., where he served as vice-president of the Morton company.

George S. Cooper

George S. Cooper, manufacturing chemists' agent in New York, died January 26 at his home in New Canaan, Conn. He was forty-nine years of age. Mr. Cooper was with the Diamond Alkali Company until two years ago when he resigned to establish his own business.

Surviving are his wife, Mrs. Mary McFadden Cooper; two sons, George S. Cooper, jr., and Douglas Cooper, and three sisters.

Enoch L. Griffith

Enoch L. Griffith, research chemist and chairman of the board of Griffith Laboratories, Inc., Chicago, died January 30 at his home in Coral Gables, Fla. He was seventy-eight years old. Mr. Griffith founded his laboratories in 1919, in conjunction with his sons, Carroll L. and F. Willard Griffith. The company now has laboratories in Newark and Toronto as well as Chicago.

Edgar B. Moore

Edgar Benjamin Moore, president and founder of the Penn Worsted Company, textile manufacturers, Philadelphia, died January 27, at his home in Elizabeth, N. J. He was seventy-eight years old.

Arthur Phillips

Arthur Phillips, founder and president of the National Oil & Supply Company, Newark, N. J., died January 27 in his home in Millburn, N. J. He was sixty-nine years of age. A native of Allentown, Pa., Mr. Phillips came to Newark in 1900 and organized National Oil & Supply Company the following year. He was a former president of the New Jersey Oil Trade Association and a member of the Oil Trades Association of New York.

Waters H. Sellman

Waters H. Sellman, manager of the San Francisco branch of the Upjohn Company, pharmaceuticals manufacturer, Kalamazoo, Mich., died January 24. He had managed the company's West Coast interests for thirty-five years.

Claude M. Crawford, retired southwestern branch manager for Bristol-Myers Co., pharmaceutical manufacturer, New York, died recently at Dallas, Tex.

Joseph Irwin Cromwell, pioneer Oklahoma oil man, died January 29 in Marland, Tex., after a long illness. He was seventy-four years old.

Ernst Klappenberger, vice-president of the Petroleum Publishing Company and advertising manager of the Oil and Gas Journal, died January 26. He was fifty-two years old.

Robert C. Mautner, associate medical director of Ciba Pharmaceutical Products, Inc., Summit, N. J., and research director for the Professional Nutritional Products Company, died January 27. He was forty-six.

Samuel J. Simmons, retired assistant general sales manager of the Aluminum Company of America, died January 24. He was sixty-four years of age. Surviving are his wife and two sons.

'Quadrafos' Discussed

Textile Processing with 'Quadrafos' is the title of a condensed guide to the use of 'Quadrafos' in all types of textile wet processing. This new folder issued by Rumford Chemical Works explains how to use 'Quadrafos,' the company's brand of sodium tetraphosphate, in many applications in the textile industry. Copies may be obtained from leading distributors of textile supplies or direct from Rumford Chemical Works, Providence, R. I., by requesting Bulletin No. 140.

Apex Making Deliveries

Apex Chemical Company, New York, is rapidly getting back into production following the fire in its plant in Elizabeth, N. J., January 15. The company is already making shipments and expects in the near future to make immediate deliveries of all orders excepting certain few items.

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CALCIUM PHOSPHATES — SODIUM PHOSPHATES
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VIRGINIA-CAROLINA CHEMICAL CORPORATION
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Agricultural Chemicals

Supplies of basic fertilizer chemicals assumed a tighter position at the beginning of the month. Mixers have found it exceedingly difficult to increase commitments while consuming demand for mixed fertilizers has been steadily expanding. Stocks of sulphate of ammonia have been brought to a definitely low level owing to a strike in the steel industry. Production is considerably below normal and the cutback in shipments has been the cause of concern at mixing plants. While production of potash is heavily sold ahead until April, a lot more could be used if available. Superphosphate shipments have moved freely although demand is uncovered in some sections. Imported nitrate of soda has been delayed in arriving by the breaking out of serious labor difficulties in Chile but late advices state that a settlement has been reached.

No improvement could be noted in stocks of organic materials. The supply of bone meal, dried blood and tankage was short before the packinghouse strike and is shorter now, although a better movement may result from the resumption of increased operations. Castor pomace has not been flush with demand in many weeks. In surveying the fertilizer materials market, there does not seem to be a single individual item that is in free supply at present. The steel strike will affect the production of insecticides such as cresylic acid and cresols, paradichlorobenzene, phenol compounds and dip oil and other materials derived from a coaltar base.

Canadian exports of fertilizers in October, 1945, amounting to $2,681,000 (Canadian currency), were $410,000 larger than the October, 1944, figure of $2,271,000, according to the Dominion Bureau of Statistics. Fertilizer exports for the first 10 months of 1945 also advanced considerably in value over those for the corresponding period of 1944, totals being $24,119,000 and $20,338,000.

A concern in Bilbao, Spain, capitalized at 80,000,000 pesetas, has requested permission to build a plant for the production of 3,000 metric tons of ammonium sulfate annually, according to foreign chemical advices.

Nitrogenates

Ammonia Nitrate — Production in November recorded a gain over the preceding month, according to the Bureau of the Census. The total registered 39,678 tons in November, compared with 35,301 tons in October.

Ammonia Sulphate—Labor disturbances have seriously restrained production and retarded shipments. Many fertilizer mixers are short of stock and are finding it difficult to secure suitable substitutes owing to a general scarcity of available materials.

Bone Meal—Severe shortage of all grades at present, with buying interest mounting both for feed and fertilizer use. Resumption of packing house production expected to increase distribution, although demand will not permit much easement in supply situation at this time.

Castor Pomace—Buying interest remained active, with not enough material available to meet demand. Production has moved rapidly against existing contracts, leaving no reserve stocks to satisfy a steadily increasing demand.

Dried Blood—Supply has been tied up temporarily but is expected to improve with the restoration of packing house activity. The active extent of demand suggests the continuance of a tight market position.

Soda Nitrate—Disturbances in the nitrate areas of Chile have been amicably settled. Domestic production is heavily sold ahead and the active demand which has featured the market throughout January has shown no signs of relaxation. A tighter supply position was noted at the close of the week.

Tankage—Domestic production has been resumed, but is not expected to ease the supply position on account of deferred orders occasioned by the recent strike at producing plants. Demand from the feed trade continued exceedingly active.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

(For Current Prices see page 9)

Phosphates

Phosphate Rock — Supplies have continued to tighten under an unusually heavy demand from acidulators. In some areas it was stated that additional lots are exceedingly difficult to secure at present and there is a lot of export inquiries in the market that remain unfilled. According to the Department of Commerce, output in Tunisia increased during the third quarter of 1945. The total was 174,904 tons, or nearly double that of the corresponding period of 1944. Total production for the first nine months of 1945 was 471,000 tons. Europe has been a heavy consumer of this material. Reconstruction of Tunisian ports is under way and the country expects to soon regain its prewar position as leading world exporter.

Superphosphate — Mixers are calling for steady shipments of this material, the demand running ahead of production in some areas. Reports from Baltimore assert that producing plants could use more phosphate rock if they could get it. The movement against existing contracts is putting a big dent in output, and the supply position is gradually tightening.

Potashes

Demand from fertilizer mixers has shown no indication of easing. Restoration of transportation facilities has permitted prompt shipments from works while production has been maintained at peak levels. The rapid absorption of output has prevented any accumulations and the supply situation is tight in all sections.

Cottonseedhull Ash—Inquiries from tobacco planters have remained unfilled owing to the shortage of available material.

Markets at Other Centers

Baltimore, Feb. 1.—Demand for crude fertilizers shows no sign of slackening and is keeping well ahead of the available supply. It seems that the menhaden fishing companies will not be able to fill all the orders booked, but the urgency of demand has inspired fishermen to operate as long as possible. Shipments of fish meal to the Middle West for live stock and poultry feed continue and a large part of the catch has gone that way, with the rest of production of scrap taken by buyers nearby who haul it away in their own trucks. The ceiling remains at $1.21 per unit of protein content, with a fixed mark-up for grinding.

Chicago, Feb. 1.—Buyers of nitrogenous fertilizer materials have shown continued interest in the market and the tone of the general situation was strong. Buyers in most cases apparently would be willing to take more material if it were available. Blood remained in good call and the general tone of the market was strong. Tankage remained short. Bone materials were in heavy call.

Insecticides

While labor disturbances have changed the supply situation in insecticides made from a coaltar base, production has continued to show seasonal improvement in other lines. Bureau of the Census noted a slight increase in the production of calcium arsenate in November. The total was 1,403,000 pounds, compared with 1,304,000 pounds in the preceding month. Copper sulphate stocks are increasing and a gradual expansion is expected in the output of paris green. Lead arsenate showed a substantial increase in November, the total registering 4,253,000 pounds against 2,869,000 pounds in October. Pyrethrum crop of Rio Grande do Sul, Brazil, for 1944-1945, will reach 2,000 metric tons, according to preliminary estimates, which would be a 40 percent increase over the 1944-45 total. This preliminary estimate is higher than expected because of favorable growing weather, lack of further fungus damage, and the harvest from increased plantings made during the war years. Brazil's exports of pyrethrum flowers to the United States during the first seven months of 1945 amounted to 816 metric tons, according to official Brazilian custom statistics. Exports during July, 1945, totaled 310 tons.

Sulphur and Pyrites

Activity in the sulphur industry remained high in November, 1945, according to the Bureau of Mines. Although production declined somewhat from the October record, mine shipments were higher. Stocks were the highest since March, 1945. Production in November registered 323,738 long tons, against 348,365 tons in October, and 293,551 tons in November, 1944. Stocks on November 30 were 3,916,334 tons, compared with 3,858,728 tons at the end of October and 4,089,622 tons at the close of November, 1944. Pyrites has been in demand from regular consumers with Canadian material prominent in the movement.

Capt. A. J. Frankel, formerly with the Ordnance Department, U. S. Army, has joined City Chemical Corporation, New York, as assistant sales manager.

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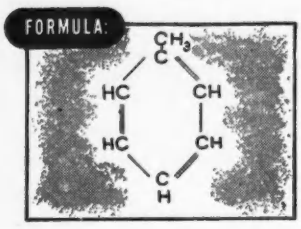
For Late Market Developments, See Page 4

TOLUOL

DEFINITION: The coal-tar product toluol, also called toluene and methylbenzene, is an aromatic hydrocarbon.

HISTORY: Discovered in 1838 by Pelletier and Walter in the condensation products from the manufacture of rosin-gas, and was called "retinaphtha." Afterwards Deville obtained it by destructive distillation of tolu balsam. The name toluol (toluene) was given to it by Berzelius. Mansfield found it in coal-tar.

FORMULA:



SOURCES: Toluol is a normal constituent of the light oil recovered in the distillation (coking) of coal. This source of toluol has, in peace times, been sufficient to meet civilian requirements.

CHARACTERISTICS: Colorless mobile liquid boiling at 110.6°C/760mm., having a density of 0.8812 at 4°C, and solidifying at −95° C. Insoluble in water, dissolves readily in alcohol or ether.

USES: Starting point in manufacture of dyestuff intermediates and medicinals. Diluent for lacquers and solvent for synthetic enamels.

GRADES: Nitration toluol; specific gravity .869-.873; boiling range 1°C including 110.6°C. Industrial pure toluol; specific gravity .864-.874; boiling range 2°C including 110.6°C. Approximate weight per gallon—7.24 lbs. Shipped in returnable 50-gallon drums, non-returnable 50-gallon steel barrels, tank cars, and by tank trucks in areas surrounding many industrial centers.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

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Coaltar Chemicals

With steel production estimated at 5.7 percent of capacity, coke-ovens did not render much material required in the manufacture of basic coaltar chemicals last week. The effect of this reduced output was reflected all through the basic coaltar chemical market and from there into dyestuffs and intermediates. Under such conditions, regular customers have been given shipment preference with left-over stocks, if any, allocated to buyers on an equitable basis. It is stated that serious damage may have been caused to some of the coke-ovens in the Midwest where it is feared that the forced rapid cooling has caused cracking and deterioration, according to the trade, however, such circumstances are more individual than general. The replenishment of stocks of coaltar basic products will depend upon when coke-oven operations are resumed.

Buying interest continued active, possibly not as active as early in January, when a lot of consumers of coaltar chemicals placed orders in anticipation of a steel strike. While independent steel mills and public utilities have produced coke, the flow of material from these sources was insufficient to maintain former stock levels and present inventories are below those in the preceding week. Shipments of benzol, toluol and xylol have been confined mostly to regular consumers. Naphthalene has tightened appreciably with not enough to meet the demand for phthalic anhydride. Phenol stocks were definitely lower with cresols and cresylic acid down to a new low level. Creosote oil shipments were behind schedule with enough booked for wood-processing to probably take care of the year's output.

Supplies of intermediates that were previously described as normal have become tight and those where the supply was tight have become tighter. There is not much to be said about the outlook at present. When the supply of basic materials is increased, the secondary market supply will be restored and this again will depend upon the resumption of operations at the coke ovens.

Steel operations for the week beginning January 28 were scheduled at 5.7 percent of ingot capacity, compared with 4.9 percent in the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 80.6 percent. The present schedule is equivalent to the production of 104,400 net tons of ingots and castings, compared with 89,700 tons in the preceding week and 1,625,000 tons in the corresponding week of 1944.

Basic Products

Benzol—Shipments have been restricted mostly to regular consumers owing to the limited supply. While press and radio advices suggest an early settlement of the steel strike, the cutback in production last week forecasts a tight market ahead. The supply outlook, while uncertain, will be regulated by developments at the coke-ovens.

Creosote Oil—Presented a tighter position than noted in the preceding week. Leading producers have sold their output for months ahead and deliveries are now behind scheduled requirements. According to long range trade views there is not much chance of easement in inventories throughout the coming year.

Cresylic Acid — Present supply tighter than any other basic coaltar chemical. Production before the steel strike was insufficient to meet the heavy consuming demand and there has not been enough foreign material available to give important relief to the situation. The same situation also applies to the cresols. Meanwhile demand from makers of synthetic resins, tricresyl phosphate and plasticizers has been constantly increasing.

Naphthalene—Stocks of both crude and refined are at a lower level than in the previous week and the markets are correspondingly tighter. The shortage of crude has been reflected in a smaller production of phthalic anhydride and it is expected that producers of certain chemicals and insecticides will also be affected. Like other basic coaltar products, the naphthalene supply situation is dependent on coke-oven operations.

Phenol—Unless production of phenol is increased, there is likely to be a serious drop in the output of phenol-formaldehyde resins. While some production of phenol was reported, there is not enough being made to keep the supply at a level to meet current demand.

Picolines—Producers have stocks of these materials that are meeting the current demand for synthetic resins and dyestuffs. There is not much flexibility to inventories at present and it is problematical as to how long supplies can be readily obtained.

Pyridin — Inventories have taken care of demand during the past week. Some buying was reported for pharmaceuticals, dyestuffs and resins. The outlook carries the same degree of uncertainty noted in other coaltar chemicals.

Toluol—This material was available for prompt shipment, although it was admitted that the surplus was being reduced. More interest was noted for use in the lacquer, paint and enamel industries.

Xylol—Buyers have faced a short supply of this material. Available stocks were definitely low at the close of the week with demand active for lacquer, varnish and enamel requirements.

Chicago, Feb. 1.—Good demand for most products in the coaltar bases was noted. Supply restricted by the steel strike, and buyers are finding it hard to get sufficient stock for needs. Benzol was in good call. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed, 15c. per gallon; 2-degree toluol, same basis, 27c.; 10-degree xylol, same basis, 29c.; industrial xylol, same basis, 26c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Most of these materials remained available for prompt shipment last week. So far there has been enough benzol to maintain the production of cycylohexane and sufficient phenol to supply the output of cyclohexanol. The dehydrogenation of the latter material has offered enough cyclohexanone to meet the solvent requirements in cellulose esters and synthetic resins.

Coaltar Acids

Anthranilic—Producers have met the demand for use in the manufacture of coaltar chemicals and also the requirements of azo dyes and other dyestuffs. The supply has been kept at a low level and the market's position may become tighter on account of the cutback in output of basic materials.

Broenner's—Not in free supply with possibilities of smaller stocks if the production of basic materials is cutback for any length of time.

Fumaric—Present prospects do not suggest improvement in the supply position. Heavy demand from the manufacturers of protective coatings and affiliated industries has continued to exceed current production.

H—Manufacturers of dyestuffs and others who are covered by contracts are receiving shipments, but the absence of reserve stocks has prevented the acceptance of new business at this time.

Maleic—Current production has continued below requirements for synthetic resin use and prospects for improving the supply situation do not appear favorable at present.

Other Intermediates

Anthracene—Stocks continued sufficient to meet requirements for dyestuffs and intermediates on account of

For Late Market Developments. See Page 4

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

(For Current Prices see page 9)

for prompt shipment

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fair available inventories, resulting from previous production.

Anilin—While suppliers were not eager to book additional orders, trade reports indicated that regular consumers were getting shipments. The availability of benzol will be the determining factor in regulating the future supply of anilin oil.

Dimethylanilin—Shipments to regular consumers accounted for the week's movement. The supply situation was uncertain and depended upon the stocks of anilin and back to benzol.

Diphenylamine — Outlook for supplies uncertain owing to rapidly changing conditions current in the market for basic materials. Regular consumers have been given the preference for stocks available.

Phthalic Anhydride—Supplies have been reduced and production is reported somewhat less. Makers of this material are one of the major consumers of crude naphthalene and that market has tightened appreciably under reduced production resulting from the steel strike. There has been no abatement of demand for phthalic anhydride and the market has remained under pressure for shipments to the manufacturers of ester-type plasticizers and synthetic resins for automobile and other finishes of the enamel type.

Coaltar Colors

Buying interest has increased to some extent through fear of a shortage from the cutback in production of basic products resulting from the steel strike. The tendency to increase commitments has added to the pressure for shipments and stocks have been brought to a lower level. The Textile Color Card Association, for the first time, has presented colors in both nylon and rayon for Spring hosiery. The colors comprise sunlove, a sunshine tone; townblond, a blond beige, and cocoblus, a cocoa-tinted shade. Each color is shown in two detachable tabs, one of nylon and the other of rayon hosiery material.

Otto J. Mileti, head of the Charles R. Long, Jr., Paint Company, Louisville, was best man on January 18, for his son, Otto J. Mileti, jr., who was married to Miss Rosemary Otte.

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BETHLEHEM STEEL

Jr Chemical Engineers To Meet Feb. 28

The Junior Chemical Engineers of New York will hold their first post-war student banquet at the Hans Jaeger restaurant on February 28. Guest speaker will be R. P. Russell, president of Standard Oil Development Company, who will outline the outstanding technical advances made by the German oil and chemical industries during the war.

Goodrich Chemical Promotes J.R.Hoover and A.I.Brandt

John R. Hoover, formerly general sales manager of plastic materials for the B. F. Goodrich Chemical Company, Cleveland, has been elected vice-president in charge of the company's foreign and domestic sales. Allyn I. Brandt, formerly general sales manager of rubber chemicals, is new sales manager for all chemical prod-

Hardy Inc. Names Kilbourn Secretary

Samuel V. D. Kilbourn, manager of the chemical sales department of Charles Hardy, Inc., New York, has been named secretary of the organization. He returned to the firm last November after serving two years as Lieutenant (j.g.) in the Naval Reserve.

Continental Can Shifts Sales Personnel

Continental Can Company, announces the following changes in its sales personnel: Major George H. Muth, recently released from the army, has resumed his position as manager of the commercial research department. He also has been appointed staff assistant to the vice-president in charge of sales.

Also resuming their former positions with Continental Can following their release from the services, are M. C. Rhodes, acting assistant sales manager, general line, Central Division; James R. Hughes, packers can salesman, and Malquin B. Hill, general line salesman, both in the Cincinnati district, and R. D. Heaviside, packers can salesman, Syracuse district.

G. A. Turmail, formerly packers can salesman in the Chicago district, has now been specifically assigned to the Indiana territory, taking over the duties of E. S. Linville.

Allen H. Green, general manager of the Detroit office, has retired after twenty-two years with the company.

Vermilye Co. Incorporated

Vermilye Company, importer of tanning materials, New York, incorporated February 1. Officers are:—President, C. J. Vermilye; vice-president, Benjamin W. Roberts, and secretary and treasurer, A. Zimmerman.

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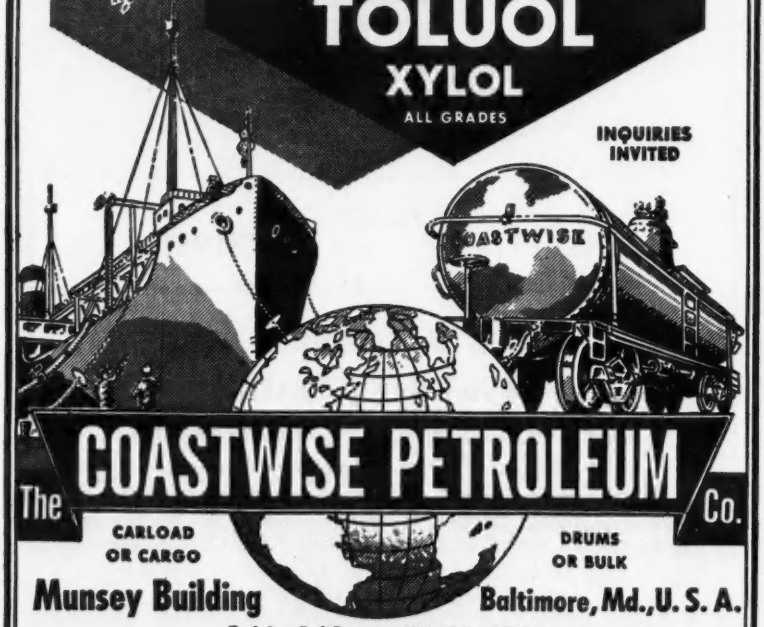
ALL GRADES
INQUIRIES INVITED



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Textile and Leather Chemicals

Trading of substantial volume for replacements of tanstuffs practically cleared the market of available offerings for prompt and nearby shipment during the week. Sales were made at advanced prices and it was reported that the scarcity of materials resulted in many unfilled orders. Divi-divi was firmer and quotations were well maintained at the higher levels. Offerings of myrobalans were scanty and reports indicated firmer primary markets, with quotations manifesting an upward tendency. Supplies of wattle bark and extract were reported limited and requests for offers for shipment brought the response that supplies were low owing to bad weather conditions. Interest in quebracho extract was keen, though trading was quiet because of the difficulty of obtaining offers from producing centers. Tanners were in the market for additional quantities of most tanstuffs, but were reluctant to follow the upward trend of values.

Unsettled labor strikes at processing mills continued to restrict production of corn dextrin and starch and these combined with light receipts of corn at mills in operation, resulted in keeping business at a standstill. Supplies of potato starch and tapioca flour continued scarce.

Price ceilings of albumen egg and egg yolk were sharply reduced February 1. Trading in these materials were quiet, owing to limited stocks. Consuming inquiry was keen. New season's production of albumen and yolk was expected to start about the middle of this month in Texas.

Chemicals

Alumina Acetate—Deliveries against orders were in good request. Market was steady at former levels.

Bichromates — Preliminary figures place the production of soda bichromate and chromate at 7,001 short tons for November compared with the revised total of 7,347 short tons in October, according to the Bureau of Census. Firm conditions feature this market. Demand against contracts were in active request. Supplies were light. An active call continued for export, with shipments moderate and allocated by government agencies.

Soda Hydrosulphite — Withdrawals against previous orders were in good request. Quotations were unchanged and well maintained.

Sulphonated Oils — Trading was spotty and mainly for prompt delivery. An urgent demand continued for deliveries on former orders. Market was firm and reflected the strength in oils and fats.

Dyestuffs

Annatto—Limited quantities on the spot were closely held at former levels. Trading was light. Arrivals of 6 bags were reported during the week.

Cochineal—Tight supply situation continued to restrict business. Inquiry was fairly active. Quotations were unchanged and firm.

Madder—Demand was light and mainly for small quantities. Prices were steady and unchanged.

Sizing Materials

Albumen Blood—While demand was light and spasmodic, the market was steady with quotations unchanged. Production was reported at a good rate in order to meet the usual seasonal demand which was expected to start within the next month. Demand for dried soluble blood was mainly for small lots. Interest in carlots was slow and prices were held at the recent reduction of ½c. per pound.

Albumen Egg—Price ceilings were reduced 13c. per pound effective February 1. Granular crystals declined to $1.99 to $2.07 per pound in barrels, depending upon quantity, and powdered was 5c. per pound above this level. Supplies were scarce and trading was limited to small quantities. Production for the season was expected to start about February 15 in Texas. Demand for the technical grade was fairly active and tanners placed fair sized orders for prompt delivery. A sale of 2,316 pounds of technical flake egg albumen was made at 66c. per pound, in 1 pound tins, f.o.b. Granite City, Ill., by the Department of Agriculture, January 17. Also 43,380 pounds of frozen whole eggs unfit for human consumption were sold at 1¼c. per pound, f.o.b Detroit, Mich., on January 11.

Dextrin Corn—Production continued restricted by strikes at plants of a leading processor. Business was practically at a standstill. Producers not affected by the strike were sold up and taking care of only regular customers.

Egg Yolk—Owing to the scarcity of supplies, trading was light. Demand was keen. Price ceilings were reduced 4c. per pound, to $1.04 to $1.10 per pound, depending upon quantity, effective February 1.

Starch Corn — Strikes continued to limit production during the week. Scarcity of corn also affected operations in other plants not on strike. Corn receipts were light and were received on a barter basis, in exchange for the finished products. Visible supply of corn was increased 2,288,000 bushels for the week ended January 26 and aggregated 11,955,000 bushels, compared with 17,696,000 bushels a year ago, it was reported by the Chicago Board of Trade.

Starch Potato—Buying interest was urgent for prompt and forward delivery. Offerings were not heavy owing to the sold up production. Deliveries against contracts also were in active request. Market was firm at ceilings.

Tapioca Flour—Imports totaled 11,000 bags at New York from Brazil during the week, for consignment on previous contracts. Spot market was bare of supplies and quotations merely nominal at ceilings.

Tanning Materials

Chestnut Extract—Scarcity of this extract has resulted in an urgent demand for foreign tanstuffs, which has helped to boost values of these tanning materials. Stocks of chestnut extract were light, and sellers confined sales to small lots to regular customers. Market was firm at ceilings.

Divi Divi—An active demand practically cleaned up offerings for shipment, with sales reported up to $69 per pound, exdock for prompt shipment from Colombia. Sellers were firm in their views. Heavy buying of late for European account was said to have taken sizable lots out of the market.

Mangrove Bark — Interest in this material also improved. Primary markets were firm and shipments were closely held at $63 to $64 per ton, exdock U. S. ports.

Myrobalans — Limited offers continued to restrict business. Tanners were in the market for nearby requirements. Shipments were well maintained at current levels, with the price trend reported upwards. J1 whole was quoted at $58 and J2 at $52 per ton, exdock, U. S. ports.

Quebracho Extract — Tanners continued to show an active interest for replacements, but business was limited owing to scarcity of offers for shipment. Production was reported sold well ahead. Market was firm at ceilings. Arrivals totaled 16,600 bags at New York during the week for delivery on previous orders.

Wattle Bark—An urgent inquiry for bark and the extract was noted during the week. Cables received here this week stated that supplies were scarce owing to bad weather conditions. Because of the scarcity of supplies for shipment, orders were unfilled. Market was firm at ceilings for all grades. Arrivals of chopped wattle bark were noted at 3,869 bales and 4,995 bags of extract, which were consigned against prior contracts.

Market Trends

Prices Advanced

Divi-divi, $2 per ton.

Prices Reduced

Albumen egg, 13c. per lb.
Egg yolk, 4c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
299.4	310.5	308.0	284.0

For Current Prices see page 9.

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ALBUMENS

OPD—2-4-1946 53

For Late Market Developments, See Page 4

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✱ *Rigid laboratory control in your plant*

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FINE CHEMICALS

Drugs and Fine Chemicals

Activity in drugs and fine chemicals was steady throughout the past week and volume was quite satisfactory, especially as concerned articles of seasonal importance now.

Higher quotations were established on normal butyl acetate and butyl alcohol when produced in Illinois and Indiana by the fermentation process. It was the first chance since last October and the upward movement of values was believed to suggest a satisfactory transition from wartime to peacetime business. Menthol and quicksilver were both lower, but the changes were moderate in extent and hardly suggestive of any basic developments materially in favor of the manufacturing consumer.

During the period, the Bureau of the Census released data covering production, consumption and stocks of glycerin in general. Comparing November with October operations, production of crude, high gravity and yellow distilled material was smaller in November. That of chemically pure was slightly larger. In consumption, declines took place in crude, high gravity, and yellow distilled materials, but November consumption of chemically pure was higher. In stocks at the end of the month, all grades at the end of November registered a decrease from the October 31 figures.

The Bureau of the Census also reported that United States exports of medicinal and pharmaceutical preparations under the United Nations Relief and Rehabilitation program in November were valued at $433,000 in October, comparing with $664,000 in September. The total for January through June was $864,000.

OPA had yet to take definitive action regarding its expected raising of the price ceiling on castor oil. Meanwhile, producers continued to sell on an open billing basis, believing that the OPA rise will not exceed 2c. per pound over the present official ceilings.

The Civilian Production Administration as of February 1 ordered that consumers of cadmium metal could use but 90 percent of their 1941 consumption—this for the purpose of stemming the drain on the government stockpile of metal.

Acid, Acetylsalicylic—Surplus with which to cover the demand that reaches here from overseas does not exist and, hence, sellers show only remote interest in such business. Domestic requirements take production in excellent fashion in a very firm spot market.

Acid, Benzoic — Production tends toward curtailment by reason of the lessened output of raw material. However, moderate stocks in reserve permitted producers to maintain a fairly good schedule of output.

Acid, Citric—Talk about a resumption of citric acid exports has been heard and development of such business should mean that the supply for domestic consumption is entirely adequate. Restoration of more ample supplies of imported acid would seem to be likely in the future, arrivals from Hawaii being scheduled for increase. More domestic acid is reappearing in resale hands.

Acid, Salicylic—Hope for an early restoration of increasing stocks of raw material has been expressed. At the moment, production depends on reserves of raw material held by the acid makers. Demand was reported to be fairly active.

Acid, Tartaric — Reports suggested that sellers of imported acid were still able to underquote the domestic manufacturers notwithstanding their recent price reduction that was substantial in extent. The outlook for more raw material for use by the domestic manufacturers is none too good either as to quantity or cost.

Alcohol—Producers view the consumption outlook is most encouraging. They see new uses for alcohol and expanded requirements for former buyers. Given a control of production—or perhaps "readjustment" were a better word—the future of alcohol consumption would be encouraging. But there is a large stockpile held by the government with which producers have to reckon in adjusting the high capacity of production to the general, overall situation.

Aloin—The market is holding very firm in keeping with strength current in the raw material costs. Demand for aloin was said to be rather routine on the whole but compares well with the normal flow of new business to the producers.

Amyl Acetate—All forms of the article were firm and all had a steady movement into consumption under conditions in which unusual competition played no part. Prices were apparently quite stable in all quarters.

Argols—Prices remained at $65 to $67 for 100 percent purity, per 100 kilos, and considerable business for import has been done on that basis. Local consumers do not believe that values will undergo further revisions of a substantial sort until such time as the restoration of vineyards and wine making abroad shall materially increase the amount of argols produced.

Atropine—Fewer sellers of this article were in the market; some former suppliers have withdrawn offerings in order to have more material for their own manufacturing requirements.

Butyl Acetate—Prices on normal material manufactured by the fermentation process in Illinois and Indiana have been advanced 35/100c. per pound, establishing tanks at 17.95c. per pound; tankwagons, 18.30c.; drums, carlots, 18.95c.; less carlots, 19.45c. It was the first change since last October.

Butyl Alcohol—Quotations were advanced ½c. per pound on fermentation material made in Illinois and Indiana. Tanks now cost 18.80c. per pound; tankwagons, 19.30c.; drums, carlots, 19.80c.; less carlots, 20.30c. The strengthening of values was taken to suggest considerable success in readjusting business to peacetime conditions.

Cadmium — Effective February 1, manufacturers will be permitted to use 90 percent of the amount of cadmium they used in 1941, this being the result of the Civilian Production Administration restoration of restrictions on consumption because of demand exceeding supply and the consequent severe drainage on the government stockpile of this metal.

Between September 1, 1945, and January 1, 1946, releases from the stockpile amounted to 529,600 pounds. Producers' inventories decreased an estimated 100,000 pounds. Hence, it was said that consumption exceeded production by 629,000 pounds in that period. On January 1, the stockpile was down to 846,300 pounds from 1,375,900 pounds held on September 1, 1945.

Caffeine—Arrivals from Santos, Brazil, totaled 414 barrels of anhydrous caffeine. Brazilian production continued to find a market here and imports of substantial sort are expected to continue at least until ample supplies of raw material become available to the domestic producers, and also until large scale production of synthetic material is underway here. Seasonal demand for citrated caffeine was reported running in excellent volume.

Camphor—Little surplus was in the hands of the producers. Demand takes production in excellent volume and conditions suggest satisfactory absorption of current output for the fairly distant future. No signs of the reappearance of Japanese camphor on this market have developed yet.

Castor Oil—Arrivals of beans here last week totaled 1,785,000 pounds, bringing the importations since January 1 to 18,432,750 pounds. This total compares with 24,080,750 pounds imported during the corresponding period in 1945.

OPA action with regard to an offi-

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Butyl acetate, 35/100c. per lb.
Butyl alcohol, ½c. per lb.

Prices Reduced

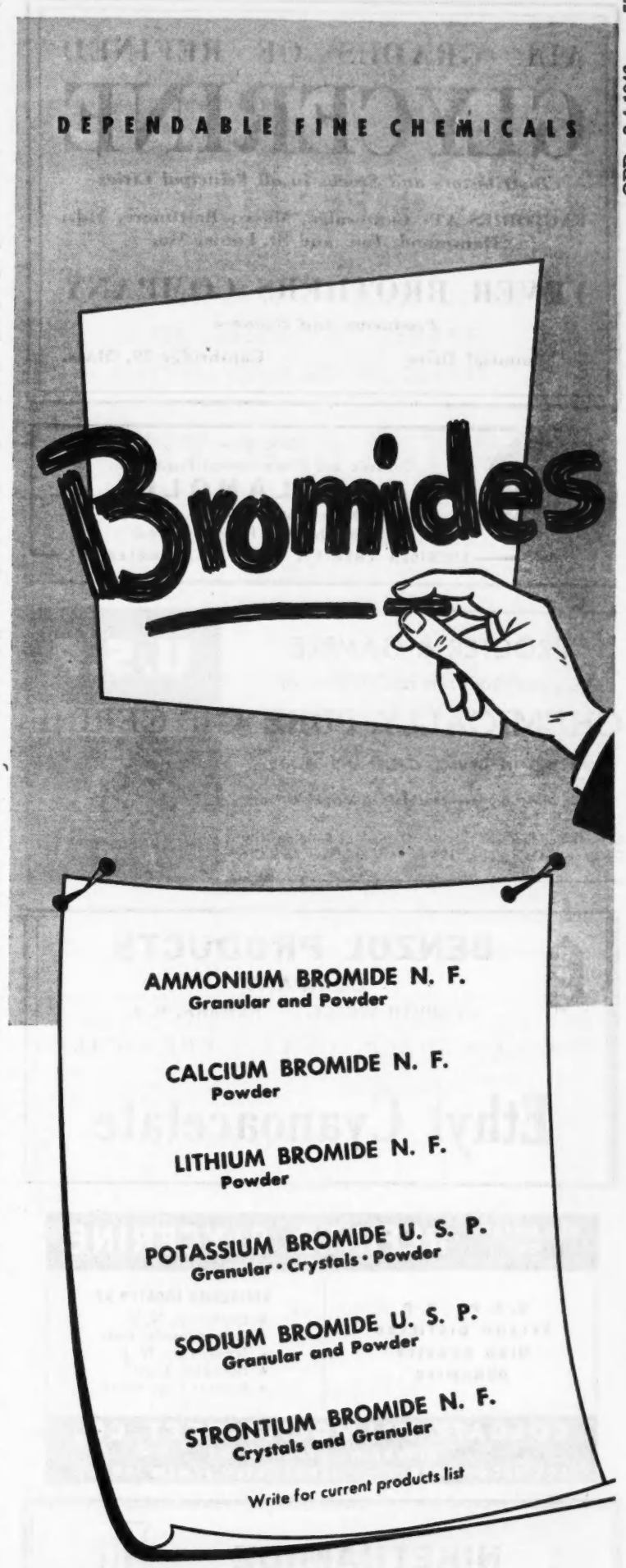
Menthol, 5c. per lb.
Quicksilver, $1 per flask.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
205.9	206.1	206.9	233.1

For Current Prices see page 9.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cially higher price ceiling on oil was still awaited. Producers were selling on an open billing basis pending the announcement of OPA's decision which is expected not to exceed a rise of 2c. per pound. Demand for oil was excellent.

Chicago, Jan. 30. — Castor oil prices are:—Cold press, U.S.P., 13¾c. per pound, returnable drums, carlots; 14½c., drums, less than carlots; 13c., tanks; No. 3, extracted, 13½c. per pound, drums, carlots; 14¼c., drums, less than carlots; 12¾c., tanks.

Codliver Oil—Open quotations held generally unchanged but reports indicated that quoted prices were being shaded on occasions and that minimum U.S.P. oil prices were none too steady in keeping with the fairly substantial stocks available now and the forthcoming marketing of new production in Norway.

Corn Syrup—Importations of glucose totaled 495 parcels from Buenos Aires last week and they found ready buyers.

Cream of Tartar—Competition between domestic makers and local importers was said to be rather keen notwithstanding the considerable reduction in prices named recently by the home manufacturers.

Fishliver Oils—Production was reported being promptly absorbed and sellers had more buyers than they could accommodate not only with prompt delivery oil but also with oil for delivery in a reasonably nearby future. The market was very firm.

Glycerin—The latest report by the Bureau of Census supplies data concerning November production, consumption and stocks of crude, high gravity and yellow distilled, and chemically pure glycerin reckoned on a 100 percent basis of glycerin. The figures follow:—

	Pounds, Basis 100% November	October
Production—		
Crude	13,427,000	14,501,000
High gravity, yellow, distilled	5,612,000	7,544,000
Chemically pure	7,750,000	7,170,000
Consumption—		
Crude	14,366,000	16,083,000
High gravity, yellow, distilled	6,395,000	8,451,000
Chemically pure	7,143,000	6,142,000
Stocks—		
Crude	8,595,000	9,438,000
High gravity, yellow, distilled	15,901,000	17,502,000
Chemically pure	18,346,000	19,067,000

Hempered by insufficient raw materials, soapers' glycerin recovery cannot be substantially increased at this time and with demand for refined glycerin holding excellent in volume the market has a strong price position in the almost total absence of competition. New buyers stand little chance of getting orders accepted by the producers whose production of glycerin is spoken for well in advance of production. The trend of reverse stocks has been adverse and nothing is in sight to change that aspect of affairs at an early date.

Chicago, Jan. 30. — Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17¼c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcar; 18¼c., drums, carlots; 18¾c., drums, less than carlots.

Menthol — Quotations for natural menthol were slightly lower at $4.40 to $4.50 per pound on sales put through under considerable competition. However, the current position lacked weakness of a disintregating sort and it was felt that values would probably show more of stability than important fluctuation during the immediate future. Arrivals from Brazil totaled 125 cases.

Methanol—The high flood of demand to which the market had been accustomed for a long time has passed, and present consumption is pointed back to a reasonableness dictated by peacetime, not wartime, need. Deliveries to buyers were on a satisfactory basis. Prices were stable.

Mercurials — Lack of sustained weakness in raw material prices contributed the maintenance of the price schedule on mercurials. Demand for calomel and corrosive sublimate was normal. That for red oxide was far less than it had been but still reached satisfactory size.

Milk Powder—Sales of considerable quantities declared to be unfit for human consumption were noted. One lot of 49,400 pounds at Norfolk, Va., sold at $6.90 per hundred pounds. Another totaled 9,973 pounds at Madison, Wis., and sold at 10.125c. per pound.

Quicksilver—The spot market was slightly lower at $104 to $109 per flask, depending on quantity and seller. The market on the Pacific coast was slightly easier. Foreign metal prices in primary markets was higher than the market in this country.

Quinine — Cinchona products continued to reach this country from Holland. The latest arrival totaled 30 cases and came consigned to a government agency for distribution via allocation orders, but through regular dealers.

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Current Prices

—Continued from page 36

Whiting, limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works..ton. 6.00 - —
smaller lots, N.E., works. ton. 7.00 - 9.00
wet-grd., air-coated, 360 mesh, 90¼%, bgs., c.l..ton. 9.85 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.00 - 9.50
99%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.10.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.16.00 -30.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .26
Wild indigo root, bls.....lb. .20 - .21
Witch-hazel leaves, bls.....lb. .21 - .22
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant, bgs.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .20 - .25

X

Xanthorrhiza, bls.....lb. .24 - .28
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .25 - .26
Xylol (xylene), coaltar, indus., ret. dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
West Minnequa, Colo...gal. .26 - —
Xylol, 10°, ret. dms., works..gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, ret. dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
3°, ret. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns..lb. 1.75 - 1.80
Yeast, brewer's dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R. including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .23 - —
Barium chromate yellow price differentials in other States and city zones are those for chrome yellow below.
Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, bxs.....lb. 1.35 - 1.40
ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis, lb. .65 - —
Yellow, cadmium, sulphide, orange, cs., bgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts. lb. .16 - —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c., Miss., N. C., S. C., Tenn., Tex. (Dallas), 1½c.; Ft. Worth, 1½c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalised with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Mercury oxide, bbls., 1,000 lbs, lb. 2.42 - —
smaller lots.....lb. 2.45 - —
Ocher American, golden, bbls., works..lb. .04½- .05¼
yellow, bbls., works.....lb. .03 - .05¼
French type, bbls., c.l.....lb. .0645- —
l.c.l. .....lb. .0665- —
Oxide, iron, nat, bbls., c.l., Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l, works...lb. .0665- —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc, bbls., same basis as chrome..lb. .16 - —
Navy spec. type, bbls., contract..lb. .16 - —
Yellow dock root, bls.....lb. .25 - .26
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls.....lb. .26 - .27
kgs. .....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .12½
l.c.l., same basis.....lb. .12½- .13¼
Borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .25 - —
dms. .....lb. .40 - —
kgs. .....lb. .27 - —
Chloride, tech., fused., dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.25 - —
gran., dms., c.l., works. 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.00 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04½- .04½
tanks, works.....lb. .0350- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Chromate (see Yellow, zinc)
Cyanide, kgs., works.....lb. .26 - .27
Dust,[6] bbls., c.l., dlvd.....lb. .1025- —
l.c.l., works.....lb. .1125- —
Fluoride, bbls.....lb. .25 - .29
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots.....lb. 4.60 - 4.75
jars .....lb. 4.45 - —
Laurate, bbls.....lb. .28 - .29
Metal,[1] (quotations in Protective Coatings market).
Naphthenate, 8%-10% Zn, dms. lb. .16 - .19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead-free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead-free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .06¾- —
white seal, bgs., c.l., dlvd..lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP, ctns., c.l.....lb. .10¼- —
l.c.l .....lb. .10¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.
Resinate fused, 1% Zn. lump, dms..lb. .11 - .13
precipitated, 8.40% to 9% Zn, powd., dms..lb. .14½- .15
Silicofluoride, bbls.....lb. .15 - .16
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
smaller lots, same basis.lb. .30 - .31
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l., same basis.....100 lbs. 4.15 - —
flake, bgs., c.l., same basis. 100 lbs. 3.90 - —
l.c.l., same basis.....100 lbs. 4.55 - —
powd., bgs., c.l., same basis. 100 lbs. 5.35 - —
l.c.l., same basis.....100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Sulphide,[1] pure, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd.....lb. .06½- —
bbls., c.l., dlvd.....lb. .06½- —
l.c.l., dlvd.....lb. .06¾- —
Barium pigment,[1,4] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Calcium pigment,[1] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent pigment,[1] wks., frt. alld..lb. .90 1.00
Magnesium pigment,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .28 - .30
Tallate, 8% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.80
Zinc-iron oxide pigment, bgs., c.l., dlvd. E. of Rockies. lb. .06 - —
l.c.l., dlvd.....lb. .06¼- —
Pac. cst., works.....lb. .06½- —
ex whse.....lb. .07 - —
Zirconium hydride, cns., works, lb. 7.00 - 8.00
Nitrate, kgs., works.... ..c. 3.00 - 4.00
Oxide, crude, 90%, grd., 200 mesh, bbls., c.l., works.. ton.95.00 - —
10 tons to c.l....ton.100.00 - —
white, 98-99½%, grd., kgs., works..lb. .80 - —

ENGINEERING TESTS . . .

TRAFFIC TESTS . . . and an

EMPTYING TEST

for steel drum closures

THE FINAL TEST OF A DRUM CLOSURE is the measure of its ability to deliver the drum's liquid load. The aim, of course, is to get every drop.

VISEGRIP CLOSURES practically squeeze their drums, as indicated in an analysis of delivery made by one of the world's largest producers of alcohol.

They found about 1.5 liquid ounces remaining after the usual process of emptying. True, the last drop did not come out of the drum, but 1.5 ounces—3 tablespoonfuls *—will not nearly fill your cupped hands.*

A summary of VISEGRIP CLOSURES in steel drums:

The VISEGRIP Closure is the *all-steel* closure. It seals the drum by locking the drum metal tightly *in a vise.* . . . The drum becomes part of the VISEGRIP Closure and has a single, superior seal.

Drums with VISEGRIP Closures are sealed and safe . . .

LEAKPROOF SEALING

TRAFFIC-SAFE

FULL-MEASURE DELIVERY

VISEGRIP CLOSURES

developed and produced for more than twenty years by

RIEKE METAL PRODUCTS CORPORATION

AUBURN, INDIANA NEW YORK, N. Y.

U.S. Revenue Returns Show Decrease

Bureau of Internal Revenue, Washington, reports taxes collected for December, 1945, compared with December, 1944, were as follows:—

	December 1945	December 1944
Coconut, etc., oils, processed	$487,976.53	$186,602.08
Distilled spirits, domestic, excise tax	117,923,627.09	125,139,397.38
Distilled spirits, imported, excise tax	10,982,804.96	16,786,874.05
Gasoline	28,770,170.43	39,754,162.82
Lubricating oils	4,068,025.61	8,497,386.53
Narcotics, including special taxes	24,396.81	40,666.91
Oleomargarin special taxes	310,489.96	393,435.09
Totals	3,292,170,662.59	4,265,644,303.82

E D W A L

Allantoin
(medicinal)

dl Desoxyephedrine
(medicinal)

Allyl Amine
(synthesis of diuretics, etc.)

Potassium Thiocyanate, N.F. and C.P.
(medicinal, reagent)

Uric Acid, U.S.P.
(reagent)

Send for the Edwal Price List No. 10-0 listing over 50 other chemicals.

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KODAK Hydroquinone is held to rigid purity standards by the stringency of photographic requirements. Years of manufacturing experience contribute to its uniformity. Continuous production assures freshness. Quotations furnished promptly on request. Eastman Kodak Co., *Chemical Sales Division*, Rochester 4, N. Y.

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Chemically Pure

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DIAZYME No. 1500 (For Liquefaction of Starches and Proteins)

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POTENCIES UP TO 1,350,000 UNITS PER GRAM
Now used in the enrichment of flour, bread, milk, butter, cakes, soup, salad dressing, margarine, pastries and as a source of vitamin A in many pharmaceutical products.
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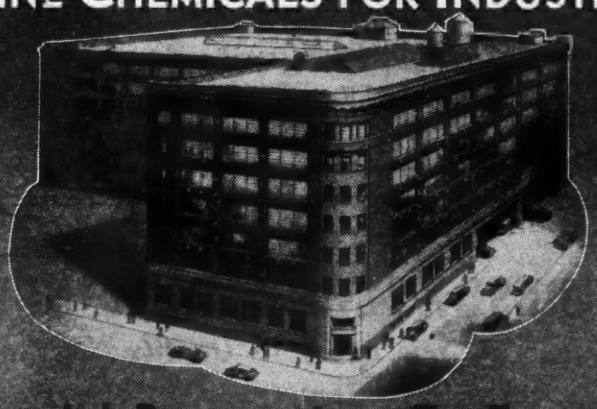

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These facilities as well as those of its chemical manufacturing plant at Edgewater, N. J., are at the command of chemists.

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INDUSTRIAL AND PHARMACEUTICAL *Chemicals*

Quinine Sulfate
U. S. P.

Available for prompt delivery subject to government allocation.

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Patents Application Bill Gets Favorable Vote

OPD Washington Bureau

The house committee on patents submitted a favorable report to the house January 29 on H.R. 5223, extending temporarily the time for filing applications for patents, and for taking action in the Patent Office with respect to the making of an invention. The bill is a committee substitute for H.R. 2111, H.R. 4079 and H.R. 4624, which bills were successors to several previous bills which had been transmitted by the Department of Commerce.

Antifreeze Solutions L-Order Revised

Limitation order L-258 was revoked by the Civilian Production Administration, effective January 29.

The order prohibited the manufacture, sale and delivery of salt and petroleum type antifreeze solutions. The order was issued more than a year ago when, because of the shortage of regular types of antifreezes, manufacturers were found to be putting out substitute materials which proved damaging to automobile radiators.

Manganese Ore Study Report Is Issued

Seeking ways to make the Unites States less dependent upon foreign sources of manganese, the Bureau of Mines recently completed successful Cooperative tests with industry on the use of electrolytic manganese from low-grade domestic ores in the manufacture of acid steel, Dr. R. R. Sayers, director of the bureau, said recently in releasing a report on the study.

A copy of Report of Investigations 3830, "Electrolytic Manganese in Acid-Steel Tests at Atlas Steel Casting Co., and The Detroit Steel Casting Co.," may be obtained by writing to the Bureau of Mines, Department of the Interior, Washington 25, D. C.

Trade Briefs

Industrial Raw Materials Company has moved its offices from 70 Pine street to 52 Wall street, New York.

Allen B. Williams has been elected president of Aluminum Ore Company, Pittsburgh, succeeding Charles B. Fox, retired.

Standard Brands, Inc., New York, has leased two one-story buildings in Brooklyn, one, at 115-129 Empire boulevard, for its Fleischmann division branch.

Frederick W. Bristol, recently discharged from the Air Corps after more than three years service, has joined the sales department of Bristol-Myers Company, pharmaceutical manufacturer, New York.

Walter L. Wilson, sr., who resigned recently as financial secretary for Merck & Co., manufacturing chemists, Rahway, N. J., has been presented with a gift in recognition of his twenty-one years service. The presentation was made by members of the Merck Mutual Aid Association.

Glass Container Shipments Decline

The total shipment of narrow-neck glass containers in December was 4,654,507, as compared with 5,051,941 in November, according to the Bureau of the Census. In this category, the amount used for medicinal and health purposes was 951,239 in December against 1,067,225 in November; chemicals, 547,501 in December against 594,145 in November; toiletries, 477,501 in December against 542,483 in November.

The total shipment of wide-mouth glass containers in December was 3,318,718, as compared with 3,616,121 in November. In this category, the amount used for medicinal and health was 209,418 in December against 272,207 in November; chemical, 99,593 in December against 147,770 in November; toiletries, 134,535 in December against 123,828 in November.

NATIONAL BRAND
MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
NATIONAL MILK SUGAR COMPANY
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A New LOW in Price
dl-DESOXYEPHEDRINE NCL
A New HIGH in Quality
QUOTATIONS GLADLY GIVEN ON SPECIAL FORMULA TABLETS
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Anti-Anemia Products Booklet

Wyeth, Inc., pharmaceutical manufacturer, Philadelphia, has just published a booklet describing its anti-anemia preparations. Copies of the booklet may be obtained by writing the company.

Modern Facilities for TUBE FILLING by Experts

- ADHESIVES
- RUBBER CEMENT
- LUBRICANTS

We have the modern production facilities and experienced personnel to meet your most rigid packaging and tube filling specifications. All inquiries will receive our prompt attention.

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Ammoniated Mercury Use Restrained by FTC

OPD Washington Bureau

After reopening its proceeding against Dearborn Supply Company, Chicago, and taking additional testimony in the matter, the Federal Trade Commission has issued a second supplemental order directing the company to cease and desist from disseminating advertisements which fail to reveal the harmful potentialities of its cosmetic preparation, mercolized wax cream, formerly designated mercolized wax.

The new order directs the respondent to cease and desist from disseminating any advertisement which fails to reveal that its preparation, which contains ammoniated mercury, should not be applied to an area of the skin larger than the face and neck at any one time; that too frequent application and use over excessive periods of time should be avoided; that adequate rest periods between series of treatments should be observed; that the preparation should not be used where the skin is cut or broken; and that in all cases a proper patch test should be made to determine whether the patient is allergic or sensitive to the preparation; provided, however, that such advertisement need contain only the statement, "Caution: Use Only as Directed," if the directions for use on the label or in the labeling contain warnings to the above effect. The order is not applicable to any preparation in which the ammoniated mercury content is substantially less than 3 percent.

With respect to the percentage of ammoniated mercury which may safely be used in a cosmetic preparation, the evidence does not afford an absolute and precise answer. The commission finds from the evidence, however, that the danger-point is around 3 percent to 5 percent, the other factors being favorable.

Owens-Illinois Unreels New Merchandising Film

The film division of the Owens-Illinois Glass Company held the New York premiere of its new color and sound film, "Now for Tomorrow," at the Roosevelt hotel, January 28. Within its twenty minutes unreeling the film portrays the drug store of tomorrow and indicates new merchandising ideas and improved uses of many well-known techniques.

Harland Hobbs, of the film division, outlined the division's growth from a purely amateur organization to its present status of broad usefulness in the company's customer - employee educational activities.

Dermetics Names Cavalli

Charles Root Cavalli, formerly account executive with Wesley Associates, has been appointed advertising and promotion director of Dermetics, Inc., of New York and Seattle. He will make his headquarters at 630 Fifth avenue.

FOR QUALITY AND SERVICE

ARSENIC, White, Powder
CERIUM NITRATE
RUMETAN
THORIUM NITRATE
TITANIUM POTASSIUM OXALATE

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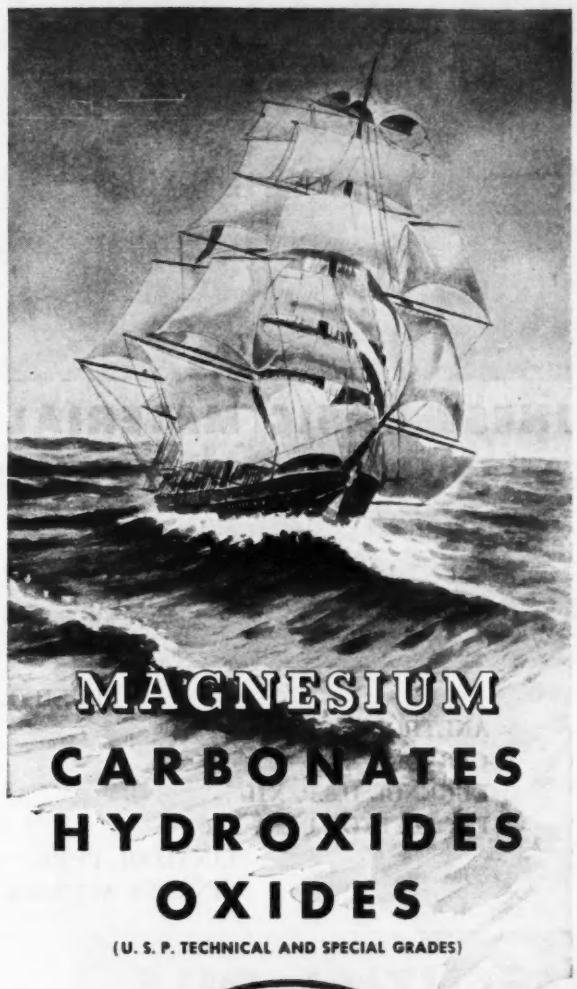

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Do You ---- emulsify, thicken, stabilize, suspend or gel ?

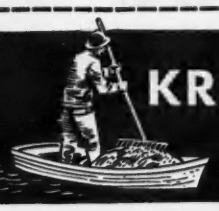
We offer two seaplant extractives which may prove to be the answer to your emulsifying, suspending, thickening or stabilizing problems:

KRIM-KO GEL—an all-purpose colloid-assistant which, with improved techniques of use, can prove effective in practically all food, pharmaceutical and industrial applications.

CARRAGAR:—an agar-type gelatin which forms tender, fruit-like gel over a wide pH range. Does not require acidulation to produce desired results.

Both products are now being successfully used by nationally known manufacturers in many fields. Write for literature, and any desired specific techniques.

FREE! Write today for sample of new agar-type jellying agent!



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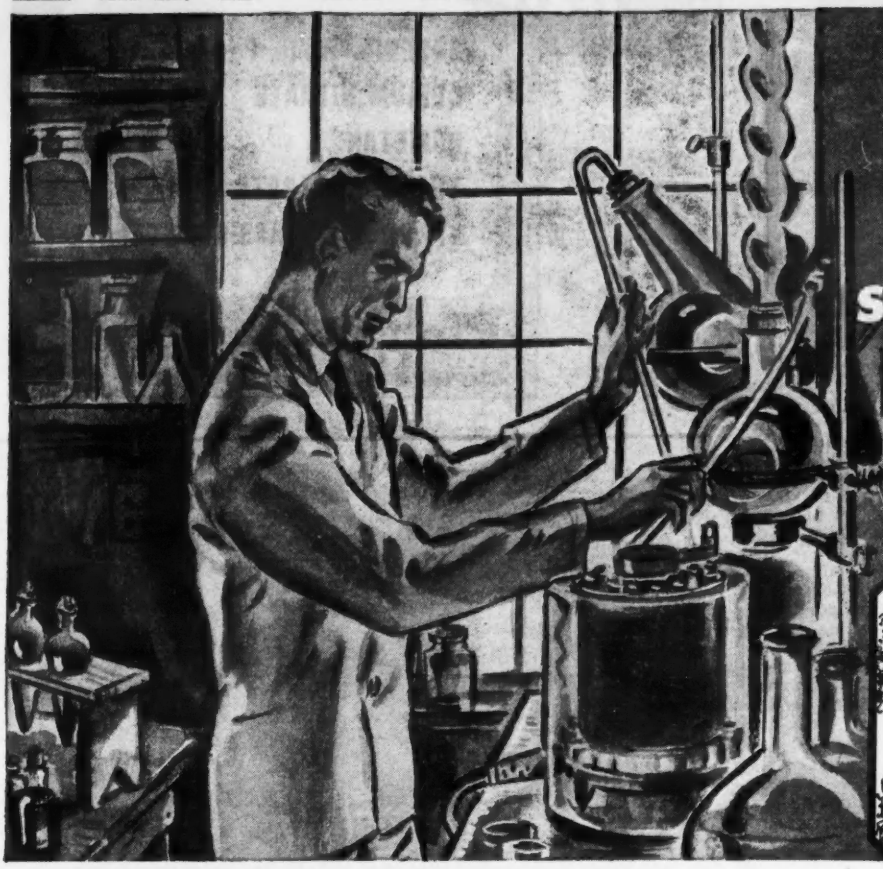
SEAPLANT PRODUCTS DIVISION
SCITUATE, MASSACHUSETTS

OPD—2-4-1946 62

EXPERIENCE TELLS



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CASCARILLA
CHAMOMILE
CLOVE U.S.P.
COSTUS
GERANIUM BOURBON
GINGER
LIME DISTILLED, WEST INDIES
ORANGE COLD PRESSED U.S.P.
PEPPERMINT NATURAL
PEPPERMINT DOUBLE DISTILLED U.S.P.
ROSEMARY U.S.P.
SPIKE LAVENDER PURE

Many items are distilled or made in our plant from raw materials selected and imported by us from countries of origin. Consult us before buying

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Botanical Drugs, Spices, Gums

Though the signs be few and faint, nevertheless indications of a reviving export of European botanical drugs to this market can be found and such signs were a part of the current situation last week in the market for botanics. The evidence of such revival originated last week in European quarters, in contrast with other signs that had developed locally in the recent past.

For example, representatives of formerly large operators in botanical drug exports from Central Europe last week began a study here of botanical drug prices as they prevailed in the United States before World War No. 2 began in 1939. The purpose of the examination of values prevailing early in 1939 was to lay the ground work upon which to base sound and legitimate export prices next Summer when collections have been effected. Recognizing that in many instances the prices prevailing today in this country are the results of war and its inflationary effects, and realizing that it would be a mistake to consider them basic values, the foreign concerns wishing to revive their botanical export business are apparently seeking a sound base upon which to build their export schedules—schedules the shippers hope dealers in the United States will be disposed to accept as sound, uninflated values.

Pricewise, the spot botanical market showed decisive strengthening in the position of belladonna leaves, powdered papain, dried raspberries, powdered sabadilla seed, and balsam tolu. These articles sold at higher prices. Added price strength, not accompanied by a change in quotations, came to bloodroot, blueflag root, white pine and wild cherry barks, ergot, cocillana, chamomile flowers, valerian root, and Spanish saffron.

Detention of arriving botanicals by order of the Food and Drug Administration ran heavy during the week ended January 25. Out of a total detention of seventeen articles that might be classified as drugs if the word be used broadly, thirteen materials were definitely botanical drugs or condimental merchandise. This inability of importers to get goods of satisfactory quality shipped them from abroad is a lively hazard to the restoration of botanical business in this country.

Balsams

Peru—The market was quiet, demand consisting mainly of jobbing orders that were filled in fair fashion.

Tolu—The tightness in supply was increased, squeezing prices still higher and closing the market at $2.05 to $2.10 per pound, at which prices were virtually nominal.

Barks

Cocillana—An arrival of 134 bales from Chili was reported last week, thus in some measure relieving the market from its recently quite tight position. Demand was naturally good because of seasonal influences.

Cottonroot—Prices held very firm and there has been no flooding the dealers with large offerings of new crop bark.

Soap—Political troubles in Chili did little but becloud the already foggy market at the source of supply. Dispatch from the source has been difficult for a long time past. It is even worse now than it has been.

• **White Pine**—Demand for compound has run to excellent figures and suppliers of that article have sold production well ahead for some time past. The market is in light supply.

Beans

St. Ignatius—No large replacement of virtually exhausted stocks is in sight. Conditions in the primary market are such as to delay restoration of normal exports of this article.

Tonka—Consumption was said to be averaging at least normal and some believed that it was running slightly ahead of that limit. The price situation remained completely stable.

Berries

Juniper—More Russian berries came to the spot, the arrival last week totaling 616 bags. Reports indicated that the quality of these arriving berries was excellent in most cases.

Raspberries—The supply was much under normal. Replacement values were at high levels. And spot quotations were higher, standing at least at $1.75 to $1.80 per pound.

Flowers

Chamomile—Very firm as to prices for both kinds. Demand was not large but quantities of conservative sizes were steadily called for and created strength in prevailing prices.

Calendula—Most dealers look forward to making European purchases at close to normal prices during the next crop season. Meanwhile, only domestic cultivated flowers are available and high prices continue to prevail.

Linden—Some reason to expect that Europe will return as a shipper of this item next Summer. The present market is almost a nominal affair since available supplies are very small.

Saffron—Additional transactions in Spanish flowers were confirmed on the basis of $38 to $38.50 per pound for strictly USP merchandise packed in original tins.

Gums

Arabic—Sorts were slightly lower again, being quoted at 12c. to 12½c. per pound—although not all sellers were disposed to accept business in the minimum figure. During the past week 250 bags were reported arrived here from Port Sudan.

Myrrh—Undertones were firm. Seasonal demand continued to reveal but moderate spot stocks being available always at very well maintained prices. An arrival of 67 cases from Aden was noted.

Olibanum—Importation of 21 bags from Aden was reported. The arrival was without adverse effect on prevailing prices, which showed all the strength current in the spot market for weeks past.

Herbs and Leaves

Belladonna—Values tightened and then advanced until quotations for U.S.P. material stood at $1.15 to $1.25 per pound, depending on seller, test, and quantity. Signs pointed to the reappearance of European offerings next Summer.

Henna—Three bales reached here from Aden last week. Demand was strictly routine but totaled a volume of good size and was created without adverse effect on the prevailing price structure.

Sage—It was doubtful if any Dalmatian-type Washington State sage

For Late Market Developments, see Page 4

Market Trends

Prices Advanced

Drugs

Belladonna leaves, 15c. per lb.
Papain, powdered, 15c. per lb.
Raspberries, 10c. per lb.
Sabadilla seed, powdered, 5c. per lb.
Tolu balsam, 20c. per lb.

Other Articles

Mustard seed, Montana, brown, ¼c. per lb.
Poppy seed, Danish, ½c. per lb.
Sage, Greek, 1c. per lb.
Washington, Dalmatian-type, 4c. per lb.

Prices Reduced

Drugs

Gum arabic, ½c. per lb.

Other Articles

Anise, Mexican, 1c. per lb.
Caraway seed, Canadian, 1c. per lb.
Dutch, 1c. per lb.
Danish, 1c. per lb.
Celery seed, Indian, ½c. per lb.
Coriander seed, Argentine, ½c. per lb.
Mustard seed, Danish yellow, ½c. per lb.
Montana yellow, 1c. per lb.
Washington yellow, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
269.8	268.6	258.6	244.0

For Current Prices see page 9.

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could be obtained in the East; the market was called nominal at 69c. per pound. Greek sage was advanced to 28c. to 29c.

Stramonium—Rather more than the recent volume of inquiry developed locally during the past week. The call was broader and some found inquiries to involve slightly larger quantities in some instances.

Miscellaneous

Areca Nuts—An arrival here last week totaled 80 bags, the goods coming from Colombo. When milled, they will be offered on the basis of 17c. to 18c. per pound.

Ergot—Still showing strength. A further quantity was detained last week by the Food and Drug Administration because of its arrival in filthy condition. The detailed merchandise totaled 100 cases—which quantity, considering the stock of released goods now available on spot, is a disturbing element.

Grains of Paradise—Futures were quoted slightly higher at 24c. to 24½c. per pound.

Papain—Powdered material was at least $4 to $4.25 per pound and some maintained that the outside figure should be minimum based on the tightness of supply and the persistence of demand.

Roots

Blood—Demand was seasonally active. Sellers were unable to offer more than moderate quantities since previous sales have reduced sharply the already small stock in hand when the more active season of the year began.

Blueflag—No surplus of supply was current locally but, since demand was moderate and occasional, values failed to develop change—though they were called firmer.

Dandelion—The supply was far less than normal. And a return of normal reserves awaits the reconstitution of normal exports from European collection centers.

Ipecac—Former importers declared it to be impossible to secure any of this root in Brazil. Eager buyers can be found on spot, but Brazilian policy centers on export of emetine, not the raw material from which it is made.

Licorice—A further arrival of Russian was reported at totaling 406 bags.

Senega—Until and unless collection in Canada and the United States, near Winnipeg, shall return to normal size, the era of high prices is expected to continue. The market was strong last week, but little business was possible.

Seeds

Anise—Mexican seed on spot was slightly lower at 33c. to 34c. per pound, but no true weakness was current in any market.

Caraway—Prices quoted in Casablanca were reported lower. Canadian seed on spot was down to 62c. to 63c. per pound; Danish, 62c. to 63c.; Dutch futures, 63c. to 64c. No stocks was declared to be the situation in Dutch type California seed.

Cardamom—Arrivals from Colombo last week were described at involving 51 chests and 14 cases.

Celery—The article appeared to be neglected and quotations were shaded to 22c. to 23c. per pound.

Coriander — Argentine seed was lower at 9c. to 9½c. per pound in a very quiet market. Argentina was an anxious seller.

Cumin — Shippers of new crop Morocco seed were striving to arouse interest in offerings for June/July shipment, but with indifferent success.

Mustard — Some released Danish seed was quoted at 24c. to 25c. per pound, if and when released, and further quantities were said to be afloat. Stocks of Montana oriental seed was comparatively low because of recently heavy export transactions. Washington yellow was shaded to 24½c. to 25c. per pound; Montana brown was higher at 10¾c. to 11¼c., and Montana yellow was lower at 24c. to 24½c.

Poppy—Some released Danish seed was offered at 38½c. to 39c. per pound—which was a fractional advance.

Sabadilla—Powder was higher at 45c. to 48c. per pound with demand showing a broadening tendency because of the item being pushed as an agricultural insecticide and also because of the distinct limits on the ability of importers to secure more seed in the primary market.

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Tincture of Opium	1 oz.
Tincture of Capsicum	2 ozs.
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(To be continued)

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CRUDE BOTANICAL DRUGS
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Spices

Cassia—At the best, the available supply of China cassia is very small, but there is reason to expect that the reserve will increase steadily if slowly. A similar situation exists in Saigon cassia. So far as Batavia is concerned, political conditions are not propitious for restoration of exports soon.

Cinnamon—Normal importations of this article seem impossible to restore and the present market situation is virtually nominal since most parcels afloat or due for shipment are sold into consumption here long before arrival.

Peppers—Dealers could offer no red peppers. Most foreign market prices are too high to fit into the domestic price ceiling situation, but last week 400 bags did arrive. It was understood to be crushed chillies from Chile.

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food, drug and cosmetic act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended January 25

Anise seed, 100 bags; filthy.

Buckthorn bark, 208 bales; filthy.

Chillies (2 shipments), 412 bags; filthy.

Cassia oil, 3 drums; not U.S.P.

Cod oil (3 shipments), 280 drums; decomposed.

Ergot, 100 cases; filthy.

Fennel seed, 30 bags; filthy.

Juniper berries, 261 bales; filthy, contains ergot.

Kola nuts, 56 bags; insect infested.

Mace, 9 cases; insect infested.

Irish moss, 16 bales; filthy.

Medicinal preparations (5 shipments), 64 packages; not properly labeled.

Orange peel, 50 bags; moldy and decomposed.

Rhubarb root, 56 bags; not official variety; insect infested.

Sage leaves, 18 bags; not official variety.

Sesame seed, 500 bags; filthy.

Sassafras oil, 44 drums; not U.S.P.

Boston

Week Ended January 25

Cod oil (3 shipments), 256 barrels; decomposed.

Buffalo

Week Ended January 25

Mechanical preparations (6 shipments) 6 parcels; improperly labeled.

Mustard seed, 600 bags; filthy.

Philadelphia

Week Ended January 25

Ergot, 80 cases; filthy.

Medicinal preparations, 1 parcel; improperly labeled.

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Glyco Products Company, chemicals manufacturer, Brooklyn, N. Y., has opened its new Chicago sales office at 30 North Dearborn street. The new office is under the supervision of Dr. George H. Goodyear, assisted by David J. Dean and Paul Sanderson.

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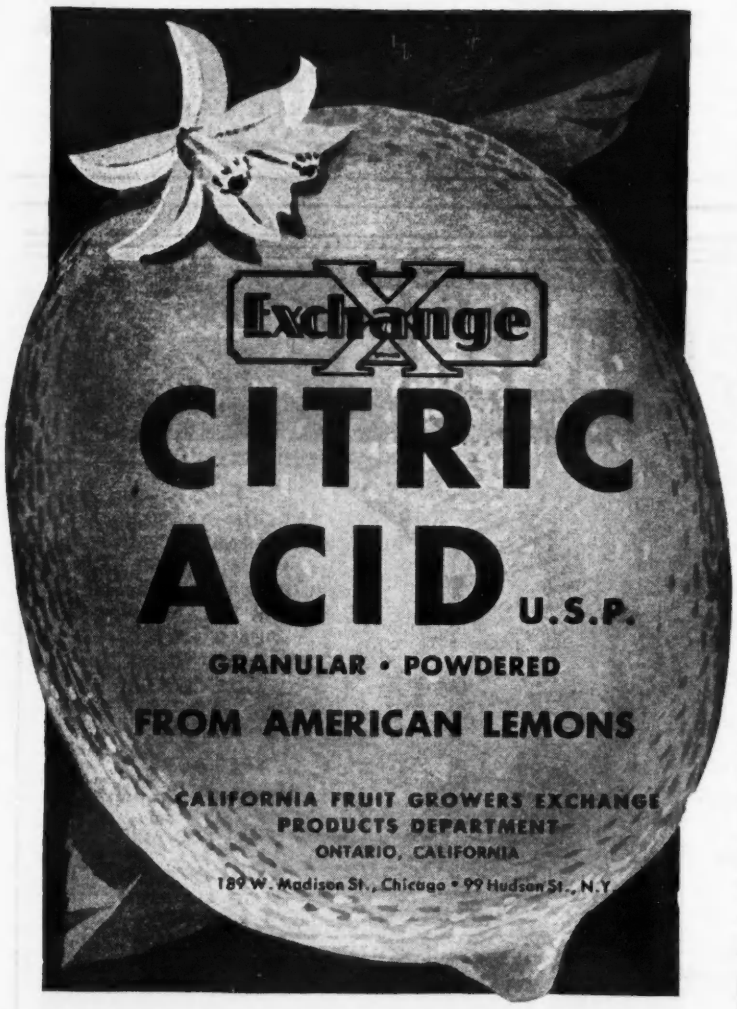

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Essential Oils, Other Aromatics

Despite several unfavorable influences, both domestically and abroad, the market for essential oils and aromatic chemicals continued to enjoy a satisfactory volume of business. Shipments of oils from foreign source have been disappointing because of several factors including exchange difficulties, foreign government restrictions, lack of shipping space and high replacement costs. On the domestic front, labor unrest, raw material shortages, difficulty in obtaining equipment, export licensing and low price ceilings were retarding factors. The market maintained price stability, however, with adjustments displaying only slight deviations.

It was still too early to fully determine what affects the steel strike will have on the byproduct chemicals that go into the manufacture of certain aromatics. Manufacturers were endeavoring to determine just what repercussion would occur if the strike continued for a prolonged period. It was indicated that materials such as benzol and toluol may tighten, and limit production of certain aromatics.

While it was difficult to locate any spot offerings of Chinese anise and cassia oils here, indications were that the material was arriving via rail from the West Coast. The Food and Drug administration detained three drums of cassia oil during the week ended January 25 because the material was not USP.

Export of essential oils from Spain during the first nine months of 1945 included 17,636 pounds of cade oil, valued at $8,788; 21,058 pounds of eucalyptus, valued at $19,886; 2,204 pounds of origanum, valued at $4,851; 81,569 pounds of rosemary, valued at $81,111; 7,612 pounds of rue oil, valued at $22,488; 141,091 pounds of spike, valued at $280,448 and 13,261 pounds of thyme oil, valued at $27,809.

Market Trends

Prices Advanced

Cedarleaf, oil, 5c. per lb.
Guaiacwood, oil, 10c. per lb.
Vetiver, Bourbon, $2 per lb.

Prices Reduced

Angelica root, $5 per lb.
Lime, dist., oil, Mex., 25c. per lb.
W.I., dist., 25c. per lb.
Mandarin, 15c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
216.0	216.1	222.4	208.0

For Current Prices see page 9.

Essential Oils

Almond—Business continued routine, and supplies were adequate to cover consumers' needs. Quotations for the sweet oil held at the level established the preceding period.

Angelica—Offerings of root oil were made at $120 per pound, with price ranging as high as $300 per pound. Material was scarce and consumer interest light at prevailing quotations.

Anise—Trade was awaiting arrival of material from the Pacific Coast. No Chinese oil was offered on spot. The Russian rectified was available in limited quantities.

Bergamot—Supplies were sufficient to take care of inquiries reaching the market. New arrivals were expected from Italy. Prices held steady.

Bois de Rose—A fair amount of spot stocks was available as the result of the recent arrivals from South America. Prices ranged from $5.50 to $5.75 per pound.

Cananga—A limited quantity of native was offered, and interest was narrow. Prices were without change.

Caraway—There were ample stocks of Dutch and Russian to take care of consumers' requirements. Quotations ranged from $8 to $11.50, depending on origin of material.

Cassia—While spot offerings of this oil continued scarce, it was interesting to note that three drums of cassia oil were detained here by the Food and Drug Administration during the week ended January 25 because the material was not U.S.P.

Cedarleaf—Price was slightly higher at $2.55 per pound. Supplies were not plentiful and offerings were usually on a restricted basis.

Cedarwood—Material remained in short supply, reflecting the limited production in Southern areas because of labor difficulties. Prices rule firm.

Celery—Dealings continued on a routine basis. Quotations held at levels in force previously.

Cinnamon—Prices for Ceylon bark oil ranged from $32.50 to $34.50, with business on a moderate scale; quotations for the leaf oil remain at the $1.40 basis recorded the previous period.

Citronella—Business in the market was restricted and the trade awaited developments on the reclassification of the material as a compound by the government. Prices underwent no change.

Clove—Market was in a favorable position, with offerings adequate to cover all inquiries. Prices were unchanged and firm.

Coriander—Consumers entered the market for moderate quantities as a rule. Prices ranged from $25 to $35 per pound, according to quantity and origin.

Eucalyptus—Spot offerings remained on a restricted basis in the absence of any sizable replacements from primary centers. Prices unchanged and firm.

Geranium—No further price advance was disclosed in the market for the Bourbon oil and quotations ranged from $17.50 to $22 per pound.

Ginger—A moderate interest continued to prevail for distilled ginger, with prices maintained at unchanged levels.

Guaiacwood—Quotations were higher, ranging from $3.50 to $4 per pound. Supplies were adequate to meet all demands.

Lavender—Spot offerings of French material were limited, although indications were that some replacements would arrive in the near future. Prices for the 38-42 percent ester grade remained at the $13 per pound level. Situation in Spanish spike continued tight and prices firm.

Lemon—Labor difficulties continued a factor in limiting domestic production. Release of government surplus stocks would relieve the tight spot position of the market, it was indicated.

Lemongrass — Replacement costs held prices at $2.75 to $2.90 per pound. Despite the arrivals from India recently, the spot position of the market was not generally improved since most of this material went directly to consuming channels.

Lignaloe—There were some offerings of Mexican wood oil at $4.95 per pound, with interest light.

Lime—Quotations for Mexican and West Indian distilled lime were lower at $6 to $7 per pound, respectively. Supplies fair and inquiries moderate. Stocks of expressed were limited.

Mandarin—Offerings were made at $6.60 per pound for the South American material. Stocks were not large.

Neroli—Business was limited to small lots as a rule, with spot supplies none too plentiful. Quotations ranged from $200 to $250 per pound.

Orange—No change occurred in the prices for various grades of orange oil. Domestic supplies were fair and interest moderate.

Palmarosa—The market was devoid of spot offerings and replacements remain an uncertainty, with costs upward.

Peppermint—Dealings were routine for the natural and distilled. Prices held at the same levels, with the tone steady to firm.

Petitgrain—Quantities available on spot were negligible, with high replacement cost and low ceilings an unfavorable factor. Prices firm.

Rose—There were limited quantities of natural rose oil offering at quotations of $31.25 to $48 per ounce.

Rosemary—Offerings were not too large and available material was usually restricted to regular consumers. Prices unchanged and firm.

Sage—Market position was reported as fair, but future supplies subject to higher replacement costs.

Spearmint—Sellers continued to transact business at the ceiling basis, despite the higher replacement costs.

Thyme—Market position continued

For Late Market Developments, See Page 4

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tight, with replacements spasmodic and costs rising. Prices unchanged.

Vetiver—Limited offerings of Bourbon were higher at $37 per pound. Some South American and Haitian continued to be offered.

Ylang-Ylang—Offerings of Bourbon were moderate, and market enjoyed a better position than recently. Prices held at the levels reported the preceding period.

Aromatic Chemicals

Amyl Salicylate—Market position continued satisfactory, and interest was steady. Prices held firm at previous levels.

Benzyl Alcohol—Shipments moved at a good pace to all consuming channels, and market displayed a firm price tone.

Cinnamic Aldehyde—Some progress reported in catching up with back orders, although producers booked well into February for shipments. Prices firm.

Coumarin—Manufacturers continued to have difficulty in gearing production to meet all demands, and shipments were lagging. Prices underwent no change.

Hydroxycitronella—Offerings were negligible in this direction as the scarcity of citronella precluded any worthwhile production.

Ionone Ketone—Tightness in the market reflected the difficulty in obtaining raw material, although situation has eased recently with the arrival of lemongrass from India.

Linalool—The arrival of boise de rose has eased the situation and permitted moderate offerings. Prices were unchanged and firm.

Musk—The tight situation in ambrette and ketone may be further complicated by the raw material situation. Stocks were low, although xylol continued to enjoy a better position.

Phenylethyl Alcohol—The market position failed to improve materially, and production was behind the demand. Prices held firm.

Vanillin—Limited production and sizable backlog of orders characterized the market. Shipments remain on an allocated basis. Prices were unchanged.

Pest Control Operations Parley in Louisiana

The sixth annual Pest Control Operators Conference will be held at Louisianna State University February 14-16. Subjects will cover fumigation; the products 1080 and antu; Argentine ant and other species of ants; cockroaches and sanitation.

Lane Joins Hutchinson

D. W. Hutchinson & Co., essential oils and aromatic chemicals, New York, has announced that James Lane and Marcel H. Gunder have joined the sales staff. Mr. Lane for several years was associated with Burroughs Wellcome & Co., pharmaceutical manufacturer, New York, and more recently was vice-president of the liquidated Standard Synthetics Company, New York. Mr. Gunder was also a member of the same company, and will now serve as city salesman.

Bonham Heads Jeurelle, Inc.

D. A. Bonham, president of the Emerson Drug Company, Balitmore, has been elected president of Jeurelle, Inc., distributor of perfumes, which was recently acquired by Emerson Drug.

Dodge & Olcott Moves Insecticides Division

The offices of the insecticide division of Dodge & Olcott, Inc., have been moved from 180 Varick street to 60 East Forty-second street, New York. The new telephone number is Murray Hill 2-5700.

Concord Chemical Company, Philadelphia, has moved to new offices in the Public Ledger building, Independence square.

Recent Imports

—*Continued from page 4*

COTTON LINTERS — 164 bls, Williamson Product Co
1,375 bls, Simons Co
130 bls, Seidner Corp
103 bls, Tradesman National Bank & Trust Co
MOTES—1,530 bls, Kauders Steuber & Co
DIACETYL—4 cs, Lucidol Corp
GLUCOSE—327 bbls, Continental Commodities Corp
168 cks, Eugenio Lang, Inc
GLUE, BONE—300 bgs, Wessel, Duval & Co
BONE, SHEET—200 bgs, C B Hewitt & Bro
GLYCERIN—101 dms, International Commercial Co
14 dms, Procter & Gamble Co
GRAPHITE—750 bgs, C Pettinos
750 bgs, Asbury Graphite Mills
1,100 bgs, Joseph Dixon Crucible Co
GREAVES CAKE—923 cks, Charles Hollinshed Co
GUM, ARABIC—250 bgs, National Import & Export Co
COPAL—600 bgs, Gillespie-Rogers-Pyatt Co
520 bgs, U S Industrial Chemical, Inc
420 bgs, American Cyanamid & Chemical Corp
2,796 bgs, O G Innes Corp
1 bg, New England Trading Co
MYRRH—67 cs, Irving Trust Co
OLIBANUM—216 bgs, Irving Trust Co
HAIR, CATTLE — 45 bgs, Manufacturers Trust Co
CATTLE EAR—11 cs, Armour & Co
GOAT—30 bls, Kieve & Wallach
83 bls, Amtorg Trading Corp
HORSE—51 cs, H Rosenhirsch Co
8 cs, F H Cone & Co
HORSE MANE—155 bls, Amtorg Trading Corp
HENNA LEAVES—3 bdls, Irving Trust Co
HOG BRAINS—4 cs, Wilson & Co
HOG GALLS POWDER—13 cs, Biological Raw Product Co
HONEY—243 bbls, H & M Packing Co
249 bbls, Belgian Economic Mission
313 bbls, Steinhardter & Nordlinger
232 bbls, Catz American Co
130 bbls, M Golodetz & Co
8 bbls, Morit Product Co
42 bbls, M Rothchild & Co
50 bbls, Universal Investment Co
KYANITE—98 tons, 19 cwt, Trident Traders, Inc
JUNIPER BERRIES — 61 bgs, Amtorg Trading Corp
LICORICE ROOT—406 bgs, Amtorg Trading Corp
MEDICINAL PREPS—21 cs, American Express Co
MENTHOL—100 cs, Kachurin Drug Co
25 cs, R J Prentiss & Co
MICA—20 cs, Radio & Mica Corp
1 cs, United States Commercial Co
OIL, CASTOR—405 bbls, Brown Linseed Corp
200 dms, Philadelphia National Bank
CINNAMON BARK—1 cs, Geo Lueders & Co
CITRONELLA—6 dms, Lever Bros
85 dms, Procter & Gamble Mfg Co
CYMBARUM—45 dms, Geismar & Co
ESSENTIAL—1 cs, Edward Remus Co
GUAIACWOOD—3 cs, Lo Curto & Funk
6 cs, Van Ameringen Haebler, Inc
PEPPERMINT—16 dms, Bendix Chemical Corp
SHARK—23 dms, Technical Fisheries Co
SHARK LIVER—6 dms, Wilbur Ellis & Co
OREGANO—10 bgs, Manuel Talavera
OX GALL—7 cs, S Ross & Co
2 cks, S Ross & Co
2 cs, Biological Raw Products Co
6 cs, Wilson & Co
4 cs, Armour & Co
PAPAIN—28 cs, S B Penick & Co
21 cs, R J Prentiss & Co
PERFUMERY—8 cs, La Salle Product, Inc
PETROLEUM, CRUDE—91,836 bbls, Cities Service Oil Co
PYRETHRUM FLOWERS—538 bls, United States Commercial Co
QUEBRACHO EXTRACT—10,458 bgs, 1,254,960 lbs, Tannin Product Export Co
2,056 bgs, 246,720 lbs, C M Loeb Rhoades Co
4,124 bgs, 494,880 lbs, International Product Corp
ROSEMARY LEAVES—200 bls, M J Golombeck
SAPONIN—34 cs, Geo Lueders & Co
SENNA LEAVES—3 bdls, Frederick Faraone Co
SESAME SEED—78 bgs, S M Wolff Co
SPINAL CORD—4 cs, Wilson & Co
SPONGES—5 bls, J E Bernard & Co
9 bls
TAPIOCA FLOUR—1,000 bgs, 140,000 lbs, Geismar & Co
3,900 bgs, 546,000 lbs, United States Commercial Co
6,107 bgs, 854,980 lbs, Stein, Hall & Co
TEAWASTE—1,400 bgs, Maywood Chemical Works
THEOBROMINE—172 cs, Lo Curto & Funk
WATTLE BARK, CHOPPED — 3,868 bls, Hammond & Carpenter
EXTRACT—4,995 bgs, Guaranty Trust Co
WAX, BEES—23 bgs, D Steengrafe
40 bgs, Will & Baumer Candle Co
20 bgs, Universal Investment Co
91 bgs, H H Pike & Co
CARNAUBA—125 bgs, W R Grace & Co
31 bgs, F Reeve
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Petroleum Derivatives

A further easing of the petroleum industry's readjustment pains and aches, resulting from the stresses and strains to which it has been subjected since the ending of World War II in being compelled to devote more of its productive capacity to the recovery of heating oils and less to its gasoline output, has been accomplished within the past week.

Following speedily upon the January 24 action of the Office of Price Administration in adding to the incentives for stepping up the yields in Nos. 2, 3 and 4 fuel oils with its authorization of a further increase in prices for these distillate types of heating oils, which has afforded the stills in the Atlantic seaboard, Midwest, Gulf and some adjoining areas with a uniform advance of a half cent per gallon since December 18 for all of these lower grades of heating oils as well as for No. 1 fuel oil, kerosene and range oil, all the refineries in these zones have marked up their prices for these oils to the full extent thus authorized and have amplified their production of all heating oils to such a notable extent as to obviate the most dreaded features of the hitherto threatened famine in these oils in the East. And the resultant hugely amplified output of the East coast refineries in these heating oils is being substantially supplemented by steadily increasing shipments of these oils by sea routes in tankers from the Gulf coast, now that the crews of most of the tankships have returned to work, after a month or more of holiday celebration.

Simultaneously, with the stiffening of the market for the heating oils, there has been a further recession in prices for all grades of gasoline in the Midwest and Southwest producing regions, resulting from the heretofore over-plentiful gasoline production which is only now being readjusted downward.

Solvents and Diluents

Aromatic Solvents — Although the shortage in coaltar xylol has been rendered much more acute by the strike of the union steelworkers, which has brought the production of this primary coaltar derivative down to the vanishing point at the coaltar gas recovery coking ovens of the independent iron and steel makers, who customarily furnish the bulk of the supply, there is still an adequate supply of petroleum xylol as well as of petroleum toluol to meet the current requirements of the processors of the high solvency aromatic naphthas. Hence, while the demand for these solvents continues to reach moderate proportions, the manufacturers of both classes of these solvents and their blends are still able to fill all orders.

Cleaners' Naphtha—Continues moving in fairly sizable volume into civilian consuming channels but in lesser quantities for military account.

Lacquer Diluent—Still being taken in moderate quantities by the varnish and lacquer makers.

Mineral Spirit — An undiminished demand is noted for this solvent, with prices firmly maintained.

Rubber Solvent—The current output of this solvent continues to be absorbed in its virtual entirety by the manufacturers of synthetic rubber.

Stoddard Solvent — Buying interest is still keen on the part of civilian dry cleaning interests but steadily diminishing on military account.

V. M. & P. Naphtha—Still moving steadily into consuming channels, although in slightly smaller volume than in the concluding quarter of last year.

Markets at Other Centers

Chicago, Feb. 1.—Consuming industries are taking fairly good amounts of petroleum solvents and diluents and probably would readily accept more if suppliers could furnish them.

Los Angeles, Feb. 1.—Demand for all petroleum specialties is good. Paint and varnish thinners were moving at a rapid rate. Offerings have been good.

Market Trends

Prices Advanced

Crude petroleum from five pools; three in Texas and one, each, in Nebraska and Oklahoma, 10c. to 35c. per bbl.

Prices Reduced

Gasoline, Midwest, 63-66 oct., ½c. per gal.; 80 oct., ½c. per gal.; Oklahoma, 63-66 oct., ½c. per gal.; Kansas, 63-66 oct., ½c. per gal. Natural gasoline, Oklahoma, 26-70, ½c. per gal.

For Current Prices see page 9.

Lighter Fractions

Butane—Although takings of the synthetic rubber makers continue to absorb a sizable portion of the current output of this liquefied petroleum gas, there is a more than adequate supply available for meeting the fast dwindling requirements of the high-octane aviation gasoline manufacturers, with a fairly liberal quantity remaining for distribution among families employing it for home heating and cooking as well as among private manufacturing establishments using it for the generation of intense heat in certain of their industrial processes.

Markets at Other Centers

Chicago, Feb. 1.—Call for most of the liquefied petroleum gases is moderately good. Material is subject to continuing rather good interest. The tone of business at large is holding about unchanged, with no great amounts offered.

Los Angeles, Feb. 1.—Liquefied petroleum gases continue in good demand. Supplies are excellent. Prices are steady.

Petrolatums and Waxes

Microcrystalline Waxes — Continue in keen demand, with a sizable movement noted under the leadership of the standard process types.

Paraffin — In spite of intensified efforts on the part of the refining plants engaged in the production of this wax to swell their output of crude scale and refined grades materially, the combined domestic and export demand continues to outstrip their current yields, with the result that the market remains almost bare of stocks of crude scale while many of the higher melting points among the refined grades are virtually unobtainable.

Petrolatums — Buying interest continues spirited in all types of petroleum jelly, with prices well maintained for U.S.P., veterinarian and technical grades, alike.

White Mineral Oils—Producers and other suppliers of these oils are being kept extremely busy filling orders for U. S. P. and technical grades. Prices are still being well maintained.

Fuels and Lubricants

Crude Petroleum — Simultaneously with an announcement by the Stabilization Administrator that warranted subsidies will continue to be paid on crude oil taken from stripper oil wells until June 20, unless price ceilings on petroleum and its derivatives are suspended prior to that date, the Office of Price Administration has authorized increases in prices to be paid on crude oil taken from five additional crude oil pools; three in Texas, and one each in Nebraska and Oklahoma, ranging from 10c. to 35c. per barrel, retroactive to January 1.

The average daily rate of crude oil production in the American oilfields has shown a decline of 20,350 barrels to 4,626,300 barrels for the week ended January 26. Crude oil runs to the refineries for the same week averaged 4,553,000 barrels daily, as compared with 4,627,000 barrels for the preceding week.

Fuels Oil—Except in a few instances in consuming areas wherein competition among suppliers has grown so keen as to result in price cutting, quotations for all types of fuel oil in the East coast, Midwest and Gulf regions are now exhibiting a uniform advance of a half cent per gallon over the levels prevailing prior to the first authorized markup by OPA on December 19.

Gasoline—With supplies piling up at their plants in excess of storage capacity, refiners in the Midwest and Southwest have reduced their prices of all grades of gasoline still further. And one refiner in Oklahoma has also lowered his price for natural gasoline by a quarter cent per gallon, making his revised quotation of the 26-70 grade 3¼-3½c., f.o.b. Breckinridge. However, the quotation for this same grade of natural gasoline has been left unchanged at 4c. in the group 3 area.

For Late Market Developments, See Page 4

Alliance Oil Promotes Van Bergen and Watson

C. J. M. Van Bergen and Pierce B. Watson have been elected directors of Alliance Oil Corporation, New York. They succeed W. G. Triest and Charles H. Dana, who resigned. Mr. Triest was elected secretary, succeeding W. M. Davis, and O. P. Cottrell was named manager of manufacturing and research.

Socony-Vacuum to Expand N.J. Research Laboratories

As part of its increasing research in petroleum chemistry, the Socony-Vacuum Oil Company, New York, will construct new buildings and expand its facilities at its research and development laboratories in Paulsboro, N. J.

Sun Oil Settles OPA Claim for $162,700

OPD Washington Bureau

The Office of Price Administration has settled a claim with the Sun Oil Company, Philadelphia, for $162,700, representing the amount of overcharges on petroleum products sold between December 31, 1945, and January 22, 1945. The sales were to resellers and did not represent overcharges at retail. Settlement was made without court action.

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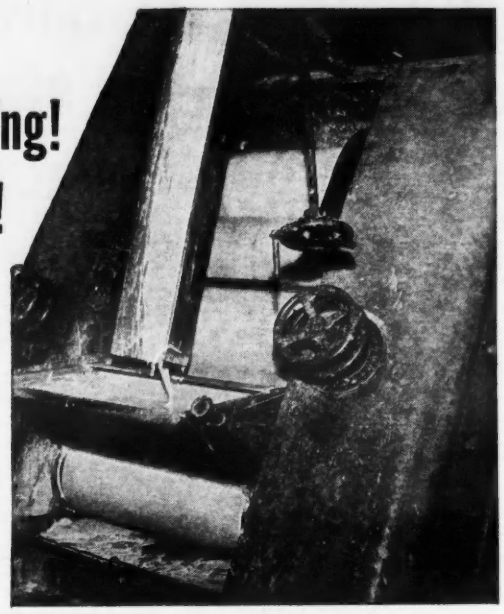

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Protective Coatings Materials

Although there has been no rift in the clouds of strikes and work stoppages in the steel, automobile, building material and electrical equipment manufacturing trades, which the protective-coatings makers are so confidently counting upon to furnish huge outlets for their products, leading exponents of the paint, varnish and lacquer industry have become more convinced within the past week than at any time since these labor setbacks began that these obscuring nimbi of labor troubles will soon be lifted, revealing a clear field upon which to reach the promised land of prosperity and billion-dollar sales years. Ere long, too, they believe that virtually all the present handicaps imposed by shortages in suppies of metallic lead, naval stores, varnish gums, synthetic resins, drying oils, glues and binders, which are now impeding their progress in carrying on maintenance painting and redecorating and in coating the limited amount of new constructions now under way, will also be removed.

While the relatively meager allotment of metallic lead to lead pigment makers and other users by the Civil Production Administration seemingly cannot be liberalized until there is a substantial amplification of domestic production and importations from Mexico, both of which developments are now overcast by a strike of miners in Utah and Idaho, and also in Mexico and the retention of the U. S. government's price control over pig lead, a freeing of the lead market from this control would inevitably be followed by an increase in the domestic output of this metal of between 25 and 30 percent, according to one eminent authority on this subject, provided that 4,000 additional workers are added to the staffs of the American mines. Similarly, although the Department of Agriculture appears determined to hold down the allocation of linseed oil to the paint makers to a 75-percent quota for the remainder of the first quarter, the outlook favors a letting-down of these bars in the likely event that importations of this oil from Argentina reach increasingly large proportions from this time on and that the new domestic flaxseed crop registers a notable increase over the meager 1945 harvesting.

Market Trends

Prices Advanced

Butyl acetate, norm., ferm., Ill., Ind. prod., 0.35c. per lb.
Butyl alcohol, norm., ferm., Ill., Ind. prod., 0.5c. per lb.
Diethyl phthalate, 1¼c. per lb.
Dimethyl phthalate, 1¼c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

For Current Prices see page 9.

Metallic Lead and Zinc

Despite determined efforts on the part of the lead industry advisory committee to induce government bureaus to remove, or at least, increase, the price ceilings on pig lead which, according to an eminent authority in this industry, are holding down domestic production of lead to an even greater extent than the strikes of miners in Utah and Idaho, the Office of Price Administration has declined to grant the pleas of producers to that effect, albeit they have met with the approval of the Civilian Production Administration.

In vain, therefore, has been the argument of the above-mentioned authority that the domestic output could be increased between 25 and 30 percent, or around 100,000 tons a year, by a return to a free market and the addition of 4,000 workers at the American lead mines. Thus, the chances of obtaining a more liberal allocation of lead for the American lead pigment makers appear slim until government control of prices is lifted.

As to the import potentialities, there is a strike in the Mexican mines and the amount of lead produced in Canada, Mexico and Australia, which the United States can get in competition with European consumers, depends upon the price that the Office of Metals Reserves of the Reconstruction Finance Corporation will pay for such foreign produced lead, and there seems little likelihood of a raising of the price limits now imposed for this purpose.

Moreover subsidy payments by the Metals Reserve Company under the government's premium price plan are scheduled to end June 30, and it would seem probable that the domestic yield will be curtailed at that time unless prices are revised.

Prices of pig lead have continued unchanged for the week January 25-February 1 at 6.35c. per pound in St. Louis and 6.50c. in New York.

While still below the peak war levels, domestic production of slab zinc is running well ahead of the prewar output and is proving adequate to fill most requirements, with the outlook favoring a steadily increasing supply of zinc pigments. Quotations for zinc slabs have remained unaltered for the week January 25-February 1 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Titanium Dioxide — Plans of the three leading manufacturers for increasing the output of TiO_2 in ilmenite refining processes by fully 20 percent are being carried out as rapidly as possible but are not expected to reach the expected total of new production until after the turn of this year. Meanwhile, one of these leading producers is continuing to grant 100 percent quotas on unrated orders, as military reqirements are shrinking to meager proportions.

Zinc Oxide — A sizable buying interest is being manifested in both leadfree and leaded grades of this pigment, supplies of which are proving sufficient for meeting the current needs.

Fillers and Extenders

Asbestos—A steadily increasing demand is noted for both imported and domestic material, with prices well maintained throughout the list. Importations of an aggregate of 2,700 bags have been recorded within the past week.

Mica—Paint makers continue buying extensively of both wetground and dryground scrap mica and prices are being firmly held throughout both lists on the basis of the recent advances.

Dry and Chemical Colors

Carbon Black—A keen demand continues to be noted for high color black and the paint and ink grades of channel black. Although there has been some diminution in the takings of channel blacks as well as furnace blacks by the manufacturers of synthetic rubber tires since the outset of this year, the absorption of supplies by these interests has been sufficient to keep pace with production, so that there has been no increase in inventories. In fact, it seems highly probable that a settlement of the strike of the General Motors Company workers will release a sufficiently heavy buying movement in high color blacks to tighten the supply situation considerably.

Chrome Colors—Despite the steady improvement in the output of the bichromates, and the dwindling of military takings of zinc chromate yellow, supplies of the primer continue scanty and there has been little increase in the offerings of chrome greens and reds or orange molybdate.

Driers and Flatteners

Naphthenates — Buying interest in the metallic naphthenate driers continues to run high but, with the more liberal supply of naphthenic acid at their disposal, manufacturers of these drying agents are able to fill all orders.

Stearates—Moving in sizable volume into paint and varnish makers' channels, with the small-capacity plants

For Late Market Developments, See Page 4

STEARATES

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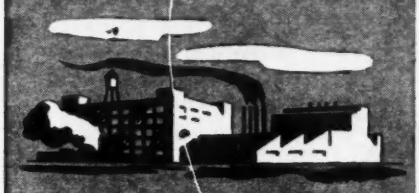

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In the manufacture of such products as: paints, varnish, printing inks, pipe coatings, rubber products, adhesives, cements, flooring tile, PICCOUMARON has been found very useful. It can be compounded with waxes, chlorinated rubber, pitches, tars, cellulose derivatives.

Due to heavy demands for Picco Products, we are sometimes unable to guarantee prompt deliveries of certain types. However, we will be glad to help you select the proper types and grades for your particular use, and schedule the earliest possible delivery for your orders.

Write for specification and application data

Pennsylvania Industrial Chemical Corporation
Clairton, Pennsylvania

Makers of: Coumarone Resins · Coal Tar Naphthas · Styrene Resins Rubber Plasticizers · Reclaiming Oils · Terpene Resins

Distributed by FALK CHEMICAL COMPANY, PITTSBURGH, PENNSYLVANIA

booked up to their limits of output and only the largest producers able to accept new business.

Lacquer Materials

Butyl Acetate—Considerably increased production costs have induced the leading manufacturer of normal fermentation material, produced in Illinois and Indiana, to mark up his prices for February by 0.35 cent per pound, making his revised quotations 17.95 cents per pound in tankcars, 18.95 cents in drums for carload lots and 19.45 cents in less than carlots.

Butyl Alcohol—In conformity with the recent sharply rising costs of production, the leading manufacturer of normal fermentation material, of Illinois and Indiana production, has advanced his prices for February by a half cent per pound, making revised quotations as follows:—In tankcars, 18.8 cents per pound; in drums, 19.8 cents for carload lots and 20.3 cents in less than carlots, with 19.3 cents asked for tankwagon lots, at plants and freight allowed east of the Mississippi.

Diethyl Phthalate—A leading manufacturer has advanced his prices for this material all along the line to the extent of 1¼ cents per pound, making his revised quotations 20.50 cents in tankcars, 21.5 cents in drums for carload lots and 22 cents for carlots, delivered in each instance.

Dimethyl Phthalate—In conformity with the sharply advanced cost of production, one prominent manufacturer of this material has marked up his prices by 1¼ cents per pound. Revised quotations are:—in tankcars, 19 cents; in drums, 20 cents for carload lots and 20½ cents for less than carlots, delivered.

Naval Stores

Rosin—The anomaly of sizable accumulations of gum rosin in the South during the virtually non-producing season, which prevails in the closing months of the crop year, has featured the primary market for this oleoresinous product within the last week and has been attributed in large measure to the restrictions imposed on usage

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and inventories by the consumption and inventory-limitations regulation, known as order M-387.

Renewed efforts on the part of the American Turpentine Farmers Association and representatives in the lower chamber of the Georgia legislature are now being made to induce the Civilian Production Administration to rescind this restrictive order before the opening of the new crop year, April 1, when a substantially increased output of gum rosin and a hugely amplified production of wood rosin are expected to materialize. But, although CPA has promised a revocation of this restraining order "on or before April 1," it has only recently stated that the quotas designated in this regulation must be maintained for the first quarter of this year.

To enable producers of rosin to obtain necessary equipment and materials, not otherwise obtainable by them, and thereby assist them in amplifying their output, the Civilian Production Administration announced on January 30 that CC ratings would be assigned to these rosin processors. These CC ratings will be granted to rosin producers for capital equipment, where they are unable to obtain delivery without a rating and where the equipment will result in a substantial increase in production or is needed to replace present operating equipment which is in danger of a breakdown.

Savannah, Feb. 1.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.50	6.50	6.50	6.50	6.50
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.23	7.23	7.23	7.23	7.23
WW	7.50	7.50	7.50	7.50	7.50
X	7.50	7.50	7.50	7.50	7.50
	Drums				
Sales	...	...	...	...	84
Receipts	...	90	90	...	...
Shipments	...	100	13	...	100
Stocks	6,740	6,730	6,807	6,807	6,707

Turpentine—The tension existing in the supply situation for gum-spirits turpentine, resulting from the virtual exhaustion of all government holdings and the dwindling of new gum recoveries to the meager proportions characteristic of the tailend of the producing season, is being intensified by the tactics of producers and their agents in withholding from the market whatever might otherwise be available at this time

While it is obvious that stocks are necessarily very slim, it is incredible that the entire available supply has reached the vanishing point. Hence, it is believed in some quarters that producers and dealers are holding back the small quantities remaining in their possession, in the hope of obtaining higher prices for them, well above the present ceiling level of 83½ cents per gallon, recently fixed by the Office of Price Administration for producers.

Savannah, Feb. 1.—Following is a record of the market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Monday	83½	...	9	167	3,534
Tuesday	83½	...	11	11	3,534
Wednesday	83½	1,150	16	87	3,463
Thursday	83½	...	...	85	3,378
Friday	83½	300	...	79	3,299

Synthetic Resins

Ester Gum—Continues in spirited demand but scanty supply and very firmly held because of the shortage of both gum and wood rosins and the high cost of glycerin.

Pyroxylin—Reporting on the quantity of pyroxylin actually spread on coated fabrics in November and the first eleven months of last year, the Department of Commerce and Census Bureau shows that the amount thus spread in the first-mentioned month was 4,585,106 pounds, or 17 percent more than that recorded for October, while the total thus used as textile coatings for the first eleven months of 1945 was 50,756,123 pounds, contrasted with 44,911,768 pounds for the corresponding period in 1944.

A list of synthetic resins, with their current quotations, appears in this issue of OPD, beginning on page 36.

Varnish Gums

Copal—As foretold in the January 28 issue of OPD, the way has now been paved for American importers of Congo gum copal to compete successfully with buyers from other countries in bidding for this gum in the Belgian Congo through the issuance by the Office of Price Administration of amendment 5 to maximum price regulation 297, rescinding the former dollar-and-cent ceilings on prices which the American importers were permitted to offer in that primary market as well as those heretofore imposed on the material landed here, and placing this gum under the import regulation providing for the addition to the primary market prices of the costs of landing it here. Just what these revised prices, based on the landed costs, thus to be determined, will be it is impossible to compute at this time, inasmuch as the import regulation is now being amended to make special provisions for this purpose. An arrival of an aggregate of 4,436 bags of Congo copal from the Belgian Congo within the past week has failed to accomplish anything toward the building up of an inventory of this gum here, as virtually all of this cargo has gone out immediately to fill orders long since placed with the importers.

Shellac—Despite the long-overdue arrival here of a fairly sizable cargo of various types of shellac, within the past week, consisting of 1,530 bags of seedlac, 250 bags of buttonlac and 2,470 bags of otherwise unspecified grades, the bleacheries are still short of an adequate supply of seedlac, T.N. and superfine material wherewith to produce the kinds of shellac in keenest demand, with the result that a large percentage of proffered orders is still going unfilled. No offers are yet being made from India, as there has been no break in the stalemate that has been under way for sixty days.

Exports of shellac from Calcutta to all consuming countries for the first nine months of 1945, compared with those for the corresponding periods of 1944 and 1943, are shown below:—

	Packages— 1945	1944	1943
Orange	122,355	182,399	60,222
Garnet	6,935	4,125	2,308
Button	8,323	13,735	1,628
Stick	136	.....	.....
Seed	39,822	48,359	4,711
Other kinds	514	.....	.....
Totals	178,085	248,118	68,929

Glues and Binders

Casein—Although OPA has declined to grant the urgently requested increase in the ceiling prices which American importers can pay for the casein offered in the Argentine market and the ceiling price levels imposed on imported material landed here, duty paid, as well as on that of domestic production, the prospects for obtaining more liberal amounts of casein are by no means hopeless. For it is now figured that, with the relatively speedy drying up of the government's buying of domestic skim milk powder, there will be more skim milk for the production of casein, provided that the weather-controlled flush production period, now near at hand, yields an exceptionally large quantity of milk available for this purpose. The arrival of two long since purchased cargoes of Argentine casein, aggregating 9,495 bagfuls, and weighing approximately 1,044,450 pounds, has been reported within the past week.

Glues—As the only recently-ended strike in the stockyards and packing plants has cut bone glue materials by 60 to 70 percent, while reducing available supplies of domestic hide glue materials almost equally heavily, manufacturers of these glues now find themselves in an exceedingly uncomfortable position, with customers clamoring for deliveries and little or no stocks with which to supply them even on a hugely-reduced scale.

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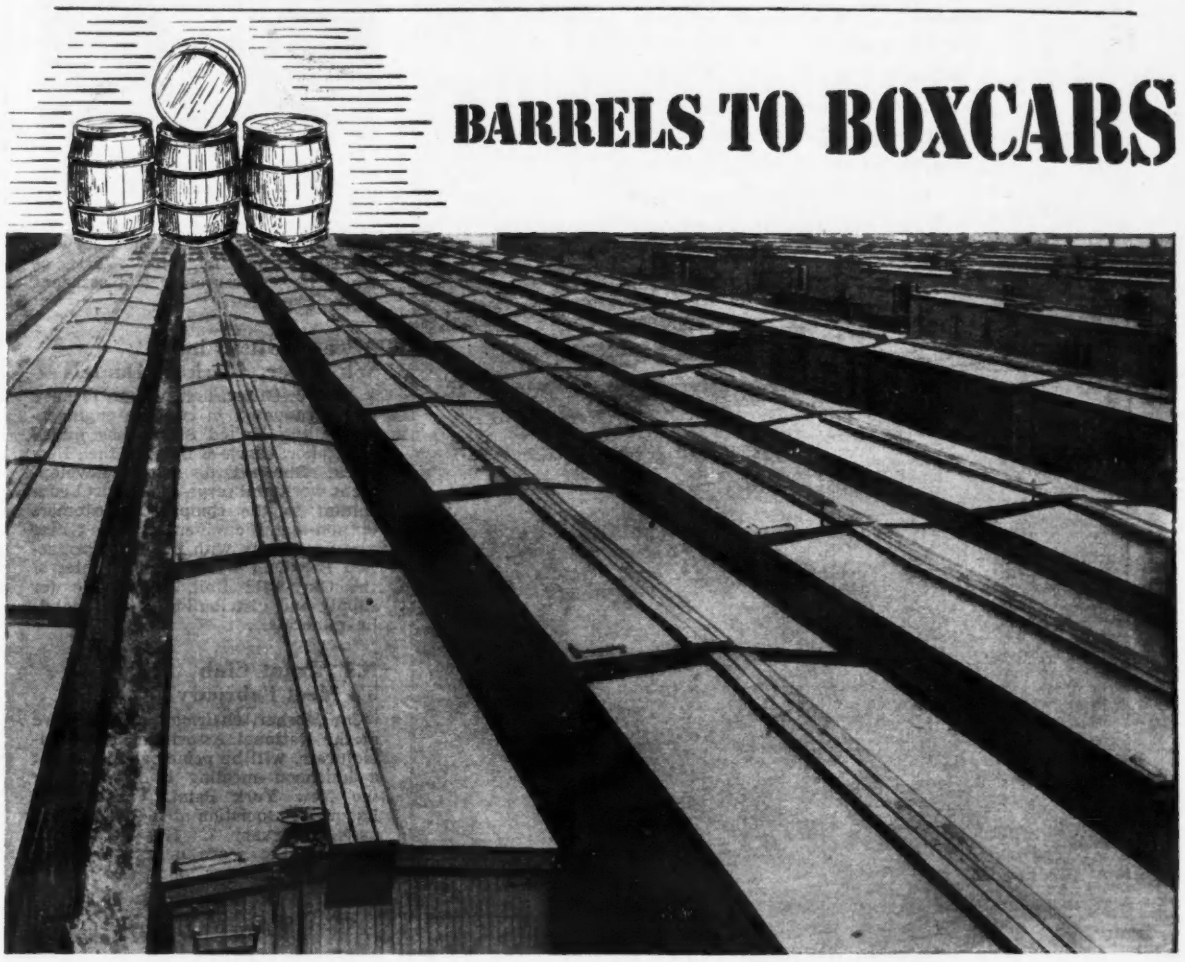

In 1914, four barrels of Titanox-B were made and shipped from a pilot plant in Niagara Falls, New York. This was the first production run of titanium barium pigment in the United States . . . and represents another "TITANIUM PIGMENT FIRST"

Today, Titanox pigments are shipped in carload quantities. The experimental plant at Niagara Falls has given way to huge factories, one at St. Louis and the other at Sayreville, N. J.

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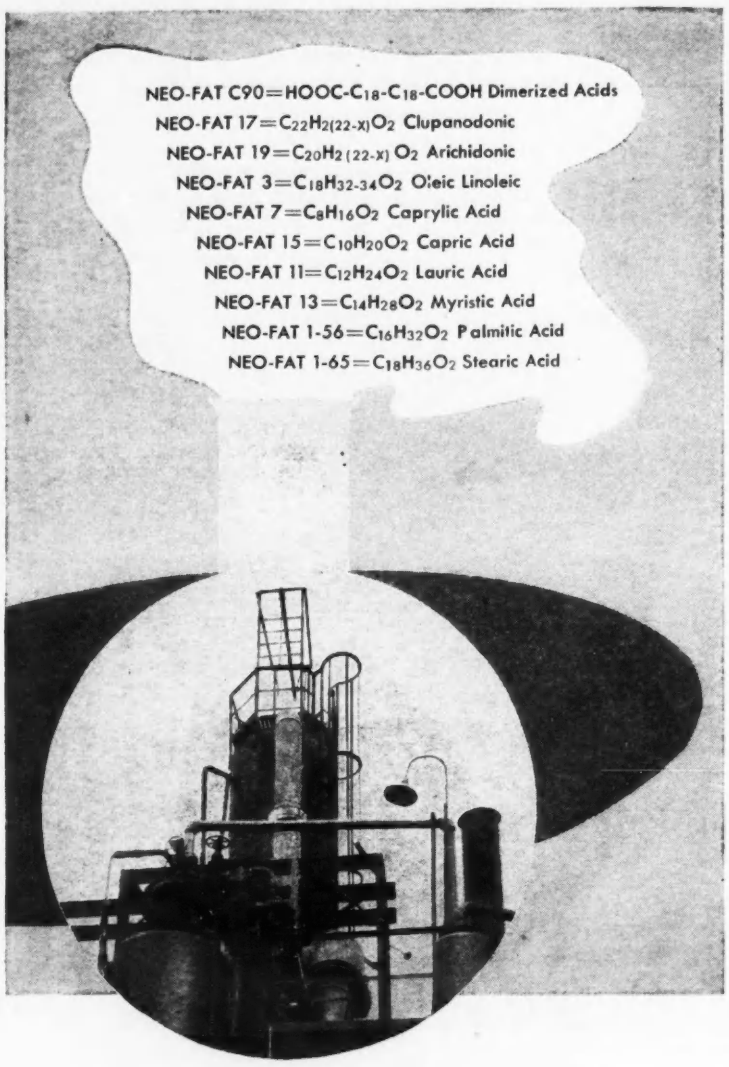
NEO-FAT 7=$C_8H_{16}O_2$ Caprylic Acid
NEO-FAT 15=$C_{10}H_{20}O_2$ Capric Acid
NEO-FAT 11=$C_{12}H_{24}O_2$ Lauric Acid
NEO-FAT 13=$C_{14}H_{28}O_2$ Myristic Acid
NEO-FAT 1-56=$C_{16}H_{32}O_2$ Palmitic Acid
NEO-FAT 1-65=$C_{18}H_{36}O_2$ Stearic Acid



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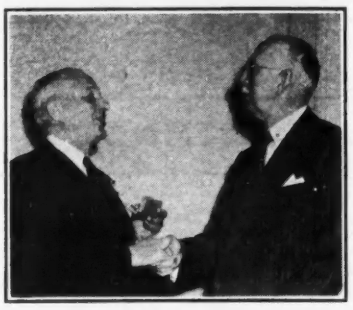
Nitrocellulose Held Back By Lack of Barrels

Critical shortage of nitrocellulose barrels is seriously hindering the production of nitrocellulose for lacquers, according to J. B. Wiesel, director of sales for the cellulose products department of the Hercules Powder Company, Wilmington, Del., Mr. Wiesel said:—

Over 500,000 pounds of nitrocellulose production has already been lost because of the barrel shortage and nitrocellulose cannot be stored in anything except a nitrocellulose barrel. The major factor responsible for the barrel shortage is the failure on the part of customers to return empty barrels.

Glidden Honors Levenhagen For 25 Years Service

The Glidden Company, paint manufacturer, Cleveland, has presented a gold watch to R. W. Levenhagen, vice-president, in recognition of his twenty-



five years' service with the company. Adrian Joyce, president of the company, made the presentation. Mr. Levenhagen was similarly honored twenty-six years ago by the Sherwin-Williams Company, New York, of which he was secretary and assistant to the president.

Alice J. Gitter Joins Whittaker, Clark & Daniels

Alice J. Gitter, first woman to have been graduated in ceramic engineering in the United States, has joined Whittaker, Clark & Daniels, Inc., New York. She will do market development work and serve as technical consultant to the company's customers on non-metallic minerals. Miss Gitter was previously with the War Production Board in Washington as chief of the Clay-Talc Unit, responsible for supply and distribution of non-metallic minerals.

N.Y. Paint Club To Meet February 7

Ira Mosher, chairman of the board of the National Association of Manufacturers, will be principal speaker at a luncheon meeting to be held by the New York Paint, Varnish and Lacquer Association at the Hotel Biltmore, February 7. He will discuss some of the more urgent problems facing the industry today.

Trade Briefs

Advance Paint Company, Indianapolis, has purchased a large warehouse at Kentucky avenue and Sand street, that city.

Elliot Paint & Varnish Company, Chicago, has appointed Calvin J. Overmyer, former colonel in the Chemical Warfare Service, vice-president in charge of production facilities.

Kentucky Color & Chemical Company, Louisville, one of the winners in the 1945 Interplant Safety Contest sponsored by the Louisville Safety Council, will receive a trophy February 5.

Major Merritt T. Metz, vice-president and secretary of Empire State Varnish Company, Brooklyn, N. Y., has returned to the company after more than three years in the Chemical Warfare Service.

Premier Oil & Lead Works, California, will construct a warehouse building and an administration building, in the 3900 block of Medford street, Belvedere district, Los Angeles, Calif., at a cost of $500,000.

Robert P. Bonnie, president of the Kentucky Color & Chemical Company, Louisville, who was president of the Louisville Board of Trade last year, has been re-elected a director as well as vice-president of the board.

Alcoa Plans Increase In Foil Production

The Aluminum Company of America, Pittsburgh, plans to expand facilities for foil manufacturing so as to double current production by the end of the year. First step in the program entails installation of equipment at Alcoa, Tenn., the changing of existing facilities at New Kensington, Pa., and increasing of facilities at Edgewater, N. J.

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Dyestuffs
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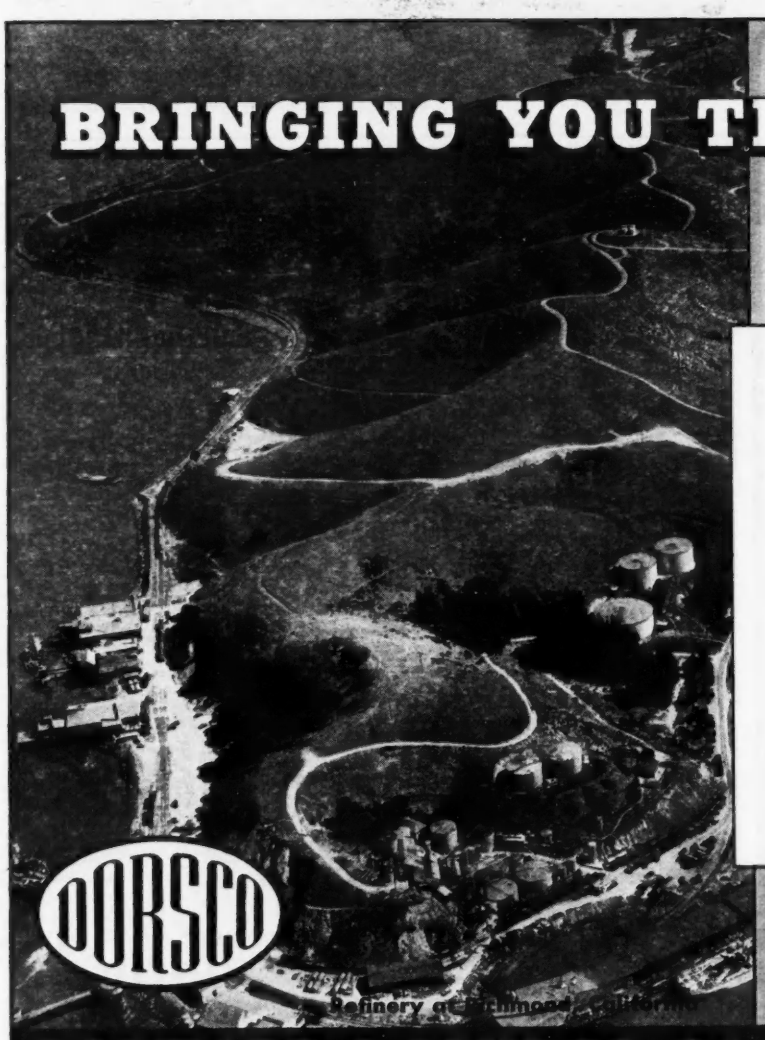

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MINERAL PIGMENTS CORPORATION

Southern Production Club To Meet in New Orleans

The Southern Paint and Varnish Production Club will hold its annual meeting March 21 and 22 in the Jung hotel, New Orleans.

The advisory committee will meet in the same place for its Spring conference March 23.

Lead Price Held Below General Market Level

The official 6.5 cents a pound price for lead is well below the price lead would rule today in the general market, Felix E. Wormser, secretary of the Lead Industries Association, said at the Denver meeting of the Colorado Mining Association. Mr. Wormser also stated that lead mine production in the United States could be increased between 25 to 30 percent by a return to a free market and the addition of 4,000 workers at the lead mines.

Coastal Shipping Restoration Urged by H.S. Cullman

Prompt restoration of coastwise shipping service, abandoned as a war measure, was urged last week by Howard S. Cullman, chairman of the Port of New York Authority, in a report forwarded to the War Shipping Administration. Mr. Cullman said that shippers were strongly demanding the restoration, and pointed out that, in 1939, shippers used coastwise service at the Port of New York, saved about $12,000,000 by moving goods on water, or water combination rates, as compared with all-rail rates.

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Oils, Fats, and Waxes

Conditions in the oils and fats situation underwent little change during the week. Buying interest continued urgent but the volume of business was limited because of the scarcity of supplies. Production of tallow, grease and other animal fats was resumed by the operation of packinghouse plants by the Government. While the refiners were bidding at ceilings for crude vegetable oils, trading was confined to scattered tankcars. Supplies of drying oils also were at low levels and were reported scarcer than for some time past.

Processors will be required to set aside 5 percent of their February production of soybeans, cottonseed, linseed and peanut meal under the protein-meal set-aside order WFO-9, it is announced by the Department of Agriculture. This is the same as the quantity ordered set aside beginning January 21, when the set-aside order was re-instated through January 31. Shipments to date have been ordered to Wyoming, Colorado, New Mexico, Oklahoma, Texas, Florida, North Carolina, Michigan and Kentucky.

Many factors remain unsettled regarding the fats and oils production in the United States for the 1945-46 season but the present crop outlook indicates a yield of 9,885,000,000 pounds, according to the Department of Commerce. Production of this quantity would exceed the preceding season by 200,000,000 pounds and be 1,300,000,000 pounds less than the record production of 1943-44.

Lard and rendered pork-fat production is estimated at 2,400,000,000 pounds; cotton seed oil, 1,150,000,000 pounds; soybean oil, 1,300,000,000 pounds according to the estimate. Output of inedible fats and oils is estimated at 2,655,000,000 pounds of which inedible tallow and grease will account for 1,800,000,000 pounds. Increased hog slaughter in the 1945-46 crop year should help output in the tallow and grease group and every effort is being made to maintain fat-salvage returns even without the persuading factor of red ration points, the Department stated.

Cottonseed Oil

Irrespective of the urgent demand for crude, sales were confined to scattered tankcars at ceilings. Production by independent mills was gradually declining owing to the lack of seed. The largest portion of the forthcoming production will be by mills operated by refineries and little of this oil was expected to reach the open market.

Crude oil output in November amounted to 176,006,000 pounds; consumption, 164,392,000 pounds, and stocks were 109,820,000 pounds on November 30. Refined oil production was 150,092,000 pounds; consumption, 73,760,000 pounds, and stocks, 305,238,000 pounds during the same month.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
March	....	....	14.31 bid
May	....	....	14.31 bid
July	....	....	14.20 bid
September	....	....	14.00 bid
October	....	....	14.00 nom.
December	....	....	14.00 nom.

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Linseed Oil

Supply situation has steadily become worse, owing to the diminishing stocks of seed held by Eastern crushers. Replenishment of the seed supply is growing more urgent daily and unless arrivals from the Argentine are forthcoming before the end of the month, most of the mills may be compelled to shut down. Crushing operations have been on a reduced schedule of late.

Consumers continued to clamor for oil for any delivery, but crushers were out of the market and limited activities to deliveries on old orders.

Oil production amounted to 71,872,000, and consumption, 42,881,000 pounds during November. Stocks totaled 171,872,000 pounds on November 30.

Market Trends

Prices Advanced

Oiticica oil, ¼c. to ½c. per lb.
Wax, bees, 1c. to 2c. per lb.
Candelilla, 5c. per lb.
Carnauba, 5c. per lb.
Ouricury, 5c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193.3	193.3

(For Current Prices see page 9)

Minneapolis, Jan. 30.—With current stocks of flaxseed limited and the potential arrivals from the country practically nil the crushing trade was in no position to make further oil sales.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	7,720,000	3,980,000
Since Sept. 1	145,946,000	130,020,000

Los Angeles, Jan. 30.—Linseed oil maintained its firm position here this week. Supplies were scarce. Oil was named at 14.5c. per pound in tankcars and drum carlots, 14.9c.

Flaxseed—Seed offerings from the country continued to lag. Demand was urgent, with trading spotty at ceilings.

Minneapolis, Jan. 30.—Modest improvement in daily receipts of flaxseed failed to offer much encouragement to seed-short crushers. Buyers taking everything offered for shipment up to June 30, 1946, at price ceilings.

	Receipts 1945-46	Receipts 1944-45	Shipments 1945-46	Shipments 1944-45
This week	99,500	25,500	28,500	19,500
Since Sept. 1	16,781,000	9,023,500	3,320,500	1,395,500

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, Feb. 1.—No flaxseed shipments were made during the past week. Visible supply of seed was reported at 4,213,000 bushels. Seed was quoted at $1.66 per bushel, f.o.b. steamer.

Hull, Feb. 1.—Bombay, £40½, February; Calcutta, £35½, February; La Plata not quoted.

Other Vegetable Oils

Castor Dehydrated—Tight supply situation continued to dominate this market. Keen demand was unsatisfied. Deliveries against contracts of late were made on an open-billing arrangement pending upon the naming of a higher ceiling by OPA. Production of dehydrated oil amounted to 2,016,000 pounds, and consumption 2,526,000 pounds during November. Stocks were indicated at 6,364,000 pounds on November 30.

Corn—Production of crude oil totaled 15,385,000 pounds; consumption 13,935,000 pounds in November, and stocks were 9,974,000 pounds, November 30. Refined oil output totaled 12,578,000 pounds, and factory consumption 1,897,000 pounds during the same month, with stocks at 5,688,000 pounds, November 30.

Oiticica—An urgent demand continued to feature this market. Supplies were reported extremely low on the spot and prices were firmer. Carlots were quoted at 24½c. per pound; drums and lesser quantities at 25c., drums. Trading in futures was more active and business was noted at 23c. per pound, drums, f.o.b. Brazil. Factory consumption in November totaled 1,253,000 pounds, and stocks 10,933,000 pounds on November 30.

Peanut—Trading in crude oil was practically at a standstill, with the mills sold up production and the difficulty of getting peanuts. Crude production amounted to 12,329,000 pounds and consumption 14,065,000 pounds in November with stocks at 13,510,000 pounds, November 30. Refined oil output was 12,609,000 pounds; consumption 10,020,000 and stocks 24,534,000 pounds, respectively.

Soybean—Crude oil output was indicated at 124,251,000 pounds; consumption 94,530,000 pounds during November and stocks were 116,912,000 pounds, November 30. Refined oil production totaled 88,675,000 pounds; consumption 94,726,000 pounds and stocks 73,395,000 pounds during the same period.

Tung—With domestic oil unobtainable, buyers showed more interest in the Chinese product. Offerings for shipment from China were scanty ow-

For Late Market Developments, See Page 4

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ing to the unsettled foreign exchange situation. Late advices reported the exchange rate of about 1,500 Chinese dollars for one United States dollar. Consumption in November amounted to 1,794,000 pounds and stocks were 6,501,000 pounds, November 30.

Fats and Greases

Grease—With the packinghouse strike ended, production was resumed last week. Offerings, however, were scarce. Trading was quiet. Production of greases other than wool totaled 43,014,000 pounds and consumption 42,209,000 pounds during November. Stocks were reported at 61,265,000 pounds, November 30.

Lard—Consuming inquiry continued keen. Trading was resumed, but was limited to small lots. Output of rendered lard and pork fat amounted to 137,139,000 pounds and consumption 7,668,000 pounds in November. Stocks were indicated at 70,068,000 pounds, November 30.

Tallow—Although the packinghouse plants resumed operations during the week, offerings continued scarce and trading was slow. Demand, however, was urgent. Production of inedible tallow was indicated at 86,446,000 pounds and consumption, 94,081,000 pounds in November. Stocks in that month were placed at 123,330,000 pounds on November 30. Edible tallow totals were:—production, 8,846,000 pounds; consumptions, 9,038,000 pounds and 4,984,000 pounds for the same period.

Animal Oils

Degras—This market was firm under a steady demand and light supplies. Prices were well held for all grades.

Grease Oil—Inquiry was active, but scarcity of material restricted business. A sale of 175,761 pounds of lard oil was made at 11¾c. per pound, in drums, f.o.b. Fort Worth, by the Department of Agriculture, January 9.

Neatsfoot Oil—Trading was quiet and confined to small quantities. Prices were unchanged and well held.

Oleo Oil—Business was slow, owing to scarcity of supplies. Prices were firm at ceilings.

Fish Oils

Menhaden — While demand continued active, the scarcity of oil curtailed trading to small quantities. Bids were in the market for crude and refined grades at ceilings.

Baltimore, Jan. 30.—Weather conditions have been against menhaden fishing activities off North Carolina a considerable part of the week, but producers are persistent and take advantage of every favorable day. Demand for crude continues very active. Even though the prospects that the orders booked can all be filled are hardly to be designated as promising, efforts to cover are not relaxed. Nothing has been done as yet on the Florida coast, which suggests that signs of fish are lacking there.

Sardine—Firm conditions feature this market. Demand continued to exceed supplies. Quotations were firm at ceilings.

Los Angeles, Jan. 30.—Market firm. Supplies are inadequate to meet the demand. Supplies are still below normal. California Sardine Products Institute reported 364,522 tons of sardines were landed up to January 19, against 527,027 tons a year ago.

Fatty Acids

Red Oil—With production curtailed and sold up, producers were not in a position to meet the active demand. Prices were firm at ceilings. Production in November was 5,412,000 pounds; consumption 4,848,000 pounds,

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and stock on November 30 totaled 8,716,000 pounds, including 1,774,000 pounds held by producers.

Stearic Acid—Scarcity of stocks continued to curtail business. Producers were only taking orders from regular buyers. Market was well held at ceilings. November output was placed at 4,394,000 pounds and consumption at 4,226,000 pounds. Stocks on November 30 were 8,157,000 pounds, including 842,000 pounds held by producers.

Cake and Meal

Cottonseed Meal—Offerings continued scarce and this situation is expected to prevail for the balance of the season. Several mills in Georgia have completed the crushing of seed and were closed last week.

Linseed Meal—Production moving steadily against contracts. Demand urgent and unsatisfied.

Minneapolis, Jan. 30.—Crushers said that the recent limiting order had made little difference in the distribution system on meal as the set-aside is merely allocated to certain areas by government order.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week.....	6,060,000	5,220,000
Since Sept. 1.....	214,780,000	184,270,000

Peanut Meal—More mills have shut down owing to the inability of mills to obtain peanuts. Set-aside order was not expected to produce a single carlot in some sections in the South.

Waxes

Beeswax—Under an active demand and higher markets abroad, prices were firmer and were advanced from 1c. to 2c. per pound for spot stocks. African crude was in good demand and higher for prompt shipment at 43c. per pound, f.o.b. producing centers.

Candelilla—Limited supplies on the spot were advanced 5c. per pound to 70c. to 72c. per pound, in bags depending upon seller. Offerings from Mexico were scanty and demand continued keen.

Carnauba—Brazilian market was sharply advanced owing to a persistent demand and light offerings. Sales there were made at an increase of 10c. per pound during the week. No. 3, North country was reported sold at $1.25 per pound, and No. 1, yellow at $1.45 per pound, f.o.b. Brazil for prompt shipment, with producers quoting 5c. above these figures late in the week. Meager stocks on the spot also were firmer and were boosted 5c. per pound. Consumers continued to show an active inquiry for replacements. Late advices received from Brazil stated that the crop would be smaller owing to early rains.

Ouricury—Strength in carnauba was reflected in this wax. Offerings from Brazil continued scanty and some business was reported at 85c. per pound, f.o.b. Brazil, with sellers holding for 90c. Supplies on the spot were limited and were advanced 5c. per pound.

C.W. Kitchen Retires From Agriculture Dept.

OPD Washington Bureau

Resignation of C. W. Kitchen as assistant administrator of the Production and Marketing Administration, effective February 21, has been announced by the Department of Agriculture. After 34 years with the Department, Mr. Kitchen is leaving government service to become executive vice-president of the United Fresh Fruit and Vegetable Association, with headquarters in Washington.

Balto Paint Club Hears Capt. Slingluff

The Baltimore Paint, Varnish and Lacquer Association held its initial meeting of the year in the Hotel Emerson, January 18. There were twenty-eight members present. The meeting was addressed by Capt. J. Kerman Slingluff, who described the "D" day invasion tactics. Among the attendance was Glen Spaulding, who will assist Alfred S. Day, of the Spencer Kellogg & Sons., Inc., and also John Henry Coons, jr., son of the former president of the Association, who is now out of the service and back with Pittsburgh Plate Glass Company.

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4—W. & P. MIXERS, steam-jacketed, 100 gal., size 15, type VI, Class B.B., double-geared sigma blades, power tilting, motor driven.

1—YORK 49 ton AIR CONDITIONING UNIT with 60 HP motor.

5—World or Ermold, Burt & Knapp Labelers.
1—Stokes DDS Rotary Tablet Machine, 23 punch.
12—Copper steam Jack. Kettles, up to 500 gal. cap.
7—Filter Presses up to 42"x42" Plate Frame & Recessed.
7—Copper & Alum. Vac. Pans, up to 500 gal. cap.

Immediate Shipment From Providence, R. I.

SIFTERS:
3—No. 32, 20"x48", Day Ro-Ball.
1—No. 12, 20"x37", Rotex.
1—Tyler Rotap Testing Sieve, with 24 screens.
4—28"x48", 1—3 deck, 1—4 deck, 1—3 deck, 1—2 deck.
19—32"x12' long, in 6' frame sections.

CRUSHING ROLLS:
2—Farrel-Bacon, each w/ 2-10x20 Rolls.
2—Farrel-Bacon, each w/ 2-14x30 Rolls.

ROTARY CALCINERS & COOLER:
1—4'x20', brick-lined, complete with firing hood, oil burning equipment, instruments, etc.
1—12" dia. x 15' long Kiln, roller mounted, incl. oil burner, complete.
1—Rotary Cooler, 15" dia. x 20'6", complete.

STEEL STORAGE TANKS-BINS:
21—64" dia. x 12', 2,100 gals.
21—51" dia. x 12', 1,400 gals.
24—Wood Bins, used with sifters.

BUCKET ELEVATORS:
5—30', 26', 22'6", 15' c/c belt, 4 x 3 bkts. All are steel-encased and equipped with geared head motors.

MAGNETIC SEPARATORS:
2—Dings 12" dia. x 18", each in conveyor set-up and incl. M.G. set.

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1—3'x8' Hendy Iron Works, iron-lined. Clutch pulley, with 30 H.P. motor.

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1—20"x6" Farrell, 3½ t.p.h. to ½"; 10 t.p.h. to 2".

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1—Pangborn 3,000 sq. ft. filtering area, incl. exhausters, tanks, supporting steel, etc.

CONVEYOR:
1—10"x18' c/c Link Belt, steel apron.

BLENDER OR MIXER:
1—5' dia. x 6' Abbe, welded plate shell, unlined, trunnion mounted.

Most of these machines are equipped with individual motor drives, including gear reducers.

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1—5′ dia. Copper Vacuum Pan, agitated.
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2—Zaremba All-Copper Evaporators, 500 sq. ft. each effect.
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1—American 6′ 2 Disc Rotary Continuous Filter.
6—Oliver 8′ x 6′ Rotary Hopper Dewaters. NEW.
1—Oliver Robison 6′ x 4′ Top Feed Ni-Resist Filter.
2—Oliver Filters, 3′ x 1′, 5′ x 8′.
1—40 gal. Pony Mixer.
3—Stokes Rotary Vacuum Dryers, 1′6″x3′6″, 30″x10′, 5′x33′.
1—Buffalo Lab. Vac. Double Drum Dryer, 6″ stainless steel rolls.
1—Buffalo Foundry 32″x72″ Double Drum Atmospheric Dryer.
1—Stokes 48″ x 72″ Atmos. Double Drum Dryer.
2—6′ x 27′6″ Rotary Steam Tube Dryers.
1—5-Roll Raymond Mill.
2—Kent 12″ x 30″ 3 Roll Roller Mills.
2—Stokes Rotary B&B Tablet Machines.
5—Stokes, Colton, Mulford Single Punch Tablet Machines, 3B, 3D and "T".
3—Tyler Hummer Screens, 3′ x 5′, 4′x5′.
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1—Day 600 lb. Jacketed Powder Mixer, motor driven.
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2—60 and 125 gal. Alum. Jktd. Kettles.
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1—Kiefer Mono Piston filling machine.
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800 ft. of Lamson & Matthews Heavy Duty Roller Conveyor, 22″ to 26″.
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Shriver Filter, 24″, open del., 25 plates, cast iron.
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2 Copper Percolators.
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5—0000 and No. 0 Raymond Mills.
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New
Mixers—S. S. Kettles—Tanks
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Pumps—In Stock

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50%	136.2
90%	145.2
95%	150.0
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OPD—2-4-1946

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